

AD A 074676

USAFETAC/DS-79/057

DATA PROCESSING DIVISION  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

PALMDALE APT CALIF  
N 34 38 W 118 05 ELEV: 2538 FT. PMD

WBAN #23182  
WMO #72382

PARTS A-F

FOR FROM HOURLY OBS NOV 48-DEC 54, JAN 61-DEC 64, JAN 71-AUG 73  
FOR FROM DAILY OBS NOV 48-AUG 73

APR 23 1974

FEDERAL BUILDING  
ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.



SUSAN V. BERRY, 2LT, USMC  
Information Retrieval Manager

FOR THE COMMANDER



WALTER S. BURGMANN  
Scientific & Technical  
Information Officer



ADA074676

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|--|----------------------|---|---------|-------------------|----------------------|----------|--------------------|-----------------------|-------------|--------------------|-----------------------|---------------|---------------------|---------------------------|-------------------|----------------------|--------|
| 1 REPORT NUMBER<br>USAFETAC/DS-79/057  | 2 GOVT ACCESSION NO. | 3 RECIPIENT'S CATALOG NUMBER                                  |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
| 4 TITLE (and Subtitle)<br>Revised Uniform Summary of Surface Weather<br>Observations (RUSSWO)- Palmdale Apt,<br>California   |                      | 5 TYPE OF REPORT & PERIOD COVERED<br>Final rept.              |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
|  |                      | 6 PERFORMING ORG REPORT NUMBER                                |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
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| 9 PERFORMING ORGANIZATION NAME AND ADDRESS<br>USAFETAC/OL-A<br>Air Force Environmental Technical Appl. Center<br>Scott AFB IL 62225  |                      | 10 PROGRAM ELEMENT, PROJECT, TASK<br>AREA & WORK UNIT NUMBERS |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
| 11 CONTROLLING OFFICE NAME AND ADDRESS<br>USAFETAC/CBD<br>Air Weather Service (MAC)<br>Scott AFB IL 62225  |                      | 12 REPORT DATE<br>23 APR 1974                                 |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
|  |                      | 13 NUMBER OF PAGES<br>p.                                      |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
| 14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)   |                      | 15 SECURITY CLASS (of this report)<br><br>UNCLASSIFIED        |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
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| 17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)  |                      |   |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
| 18 SUPPLEMENTARY NOTES   |                      |   |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
| 19 KEY WORDS (Continue on reverse side if necessary and identify by block number)<br><table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>   |                      |   | *RUSSWO | Daily temperature | Atmospheric pressure | Snowfall | Extreme snow depth | Extreme surface winds | Climatology | Sea-level pressure | Psychrometric summary | Surface Winds | Extreme temperature | Ceiling versus visibility | Relative humidity | *Climatological data | (over) |
| *RUSSWO  | Daily temperature    | Atmospheric pressure  |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
| Snowfall   | Extreme snow depth   | Extreme surface winds   |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
| Climatology  | Sea-level pressure   | Psychrometric summary   |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
| Surface Winds  | Extreme temperature  | Ceiling versus visibility                                     |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
| Relative humidity  | *Climatological data | (over)  |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |
| 20 ABSTRACT (Continue on reverse side if necessary and identify by block number)<br><p>This report is a six-part statistical summary of surface weather observations for Palmdale Apt, California</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)</p> |                      |   |         |                   |                      |          |                    |                       |             |                    |                       |               |                     |                           |                   |                      |        |

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19. Percentge frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\* California \*

20. and dew-point temperatures and relative humidity); and (F) Pressure  
Summary (means, standard, deviations, and observation counts of  
station pressure and sea-level pressure). Data in this report are  
presented in tabular form, in most cases in percentage frequency of  
occurrence or cumulative percentage frequency of occurrence tables.

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U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -  
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations. 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_



|                    |                    |          |           |                   |           |      |
|--------------------|--------------------|----------|-----------|-------------------|-----------|------|
| STATION NO OR CODE | STATION NAME       | LATITUDE | LONGITUDE | STATION ELEV (FT) | COLLECTOR | DATE |
| 23180              | PALMDALE APT CALIF | N 34 38  | W 118 05  | 2538              | ED        | 73   |

## STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION  | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION |           | LATITUDE | LONGITUDE | ELEVATION (FEET) |            | DATE |
|---|------------------------------|-----------------|------------------|-----------|----------|-----------|------------------|------------|------|
|   |                              |                 | FROM             | TO        |          |           | STATION (FT)     | INSTRUMENT |      |
| 1   | Palmdale Calif               | CAA             | Nov 48           | 16 Oct 51 | N 34 38  | W 118 05  | 2538             | 2522.5     | 21   |
| 2   | Palmdale Apt Calif           | F44             | 17 Oct 51        | 11 Sep 61 | Same     | Same      | Same             | 2520.4     | 21   |
| 3   | Same                         | Same            | 12 Sep 61        | Aug 73    | Same     | Same      | Same             | Same       | 21   |
| <p>The period of record punched for this station is Nov 48-Dec 54, Jan 61-Dec 61, and from 61 to present for hourly observations. The period of record punched for this station is 17 Oct 51-Aug 73 for daily observations. (Summary of the day). There are the periods of record in the table.</p> |                              |                 |                  |           |          |           |                  |            |      |

| NUMBER OF LOCATION | DATE OF CHANGE         | LOCATION             | SURFACE WIND EQUIPMENT INFORMATION |                  |                  | REMARKS, ADDITIONAL EQUIPMENT, OR FILE |
|--------------------|------------------------|----------------------|------------------------------------|------------------|------------------|--|
|                    |                        |                      | TYPE OF TRANSMITTER                | TYPE OF RECORDER | HEIGHT OF GROUND |  |
| 1                  | Nov 48 to 16 Oct 51    | located on the roof. | 2 cup Gurley (9 light)             | None             | 29 FT            |  |
| 2                  | 17 Oct 51 to 11 Sep 61 | Same                 | F420A                              | None             | 29 FT            |  |
| 3                  | 12 Sep 61 to Aug 73    | Same                 | F420C                              | None             | Same             |  |

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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse



Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.



## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $5/8$  mile.



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AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

25182

PALMDALE APT CALIF

48-54,61-64,71-73

ALL

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| JAN    | ALL            |                   | 2.5                       |                                   | 1.9                     |      | 4.4                        | .8  | 1.0                     | .0              | .3                     | 2.1                                | 9393                  |
| FEB    |                |                   | 3.0                       |                                   | .3                      |      | 3.3                        | .5  | 1.0                     |                 | .9                     | 2.3                                | 8482                  |
| MAR    |                | .0                | 2.9                       |                                   | .4                      | .0   | 3.1                        | .4  | 1.0                     |                 | .5                     | 1.8                                | 9490                  |
| APR    |                | .0                | 1.0                       |                                   | .0                      |      | 1.0                        |     | 1.0                     |                 | .6                     | 1.6                                | 9187                  |
| MAY    |                | .1                | .5                        |                                   |                         |      | .5                         | .0  | 1.0                     |                 | .2                     | 1.2                                | 9535                  |
| JUN    |                | .0                | .1                        |                                   |                         |      | .1                         |     | 1.3                     |                 | .2                     | 1.5                                | 8942                  |
| JUL    |                | .1                | .2                        |                                   |                         |      | .2                         |     | .3                      |                 |                        | .3                                 | 9240                  |
| AUG    |                | .3                | .3                        |                                   |                         |      | .3                         |     | .4                      |                 | .2                     | .5                                 | 9563                  |
| SEP    |                | .1                | .8                        |                                   |                         |      | .8                         | .3  | .3                      |                 | .1                     | .6                                 | 7898                  |
| OCT    |                | .1                | .7                        |                                   | .0                      |      | .7                         | .1  | .8                      |                 | .4                     | 1.2                                | 8827                  |
| NOV    |                | .0                | 1.5                       |                                   | .3                      |      | 1.8                        | .4  | .8                      |                 | .2                     | 1.4                                | 9278                  |
| DEC    |                |                   | 2.9                       |                                   | .5                      | .0   | 3.3                        | 1.3 | .6                      |                 | .3                     | 2.1                                | 9581                  |
| TOTALS |                | .1                | 1.4                       |                                   | .3                      | .0   | 1.6                        | .3  | .8                      | .0              | .3                     | 1.4                                | 109416                |



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## WEATHER CONDITIONS

23182

PALMDALE APT CALIF

49-54,61-64,71-73

JAN

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| JAN    | 00-02          |                   | 2,2                       |                                   | 2,1                     |      | 4,4                        | ,9  | ,5                      | ,1              | ,4                     | 1,3                                | 1168                  |
|        | 03-05          |                   | 2,9                       |                                   | 1,5                     |      | 4,4                        | 1,4 | 1,0                     |                 | ,3                     | 2,4                                | 1174                  |
|        | 06-08          |                   | 1,7                       |                                   | 1,7                     |      | 3,4                        | 1,6 | 1,1                     |                 | ,2                     | 2,6                                | 1178                  |
|        | 09-11          |                   | 2,0                       |                                   | 2,1                     |      | 4,1                        | ,7  | ,6                      |                 | ,4                     | 1,5                                | 1175                  |
|        | 12-14          |                   | 2,9                       |                                   | 1,7                     |      | 4,5                        | ,3  | ,9                      |                 | ,8                     | 1,9                                | 1184                  |
|        | 15-17          |                   | 3,6                       |                                   | 2,0                     |      | 5,5                        | ,3  | 1,6                     |                 | ,3                     | 2,1                                | 1172                  |
|        | 18-20          |                   | 2,8                       |                                   | 2,2                     |      | 5,0                        | ,3  | 1,8                     |                 |                        | 2,1                                | 1175                  |
|        | 21-23          |                   | 2,2                       |                                   | 2,0                     |      | 4,2                        | 1,0 | ,8                      | ,2              | ,2                     | 2,1                                | 1167                  |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
| TOTALS |                |                   | 2,5                       |                                   | 1,9                     |      | 4,4                        | ,8  | 1,0                     | ,0              | ,3                     | 2,1                                | 9393                  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

23182

PALMDALE APT CALIF

49-54,61-64,71-73

FEB

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| F B    | 00-02          |                   | 2,9                       |                                   |                         |      | 2,9                        | .6  | .6                      |                 | .6                     | 1,7                                | 1062                   |
|        | 03-05          |                   | 3,5                       |                                   | .4                      |      | 3,9                        | .8  | .6                      |                 | .2                     | 1,4                                | 1064                   |
|        | 06-08          |                   | 3,8                       |                                   | .3                      |      | 4,0                        | 1,0 | .9                      |                 | .3                     | 2,2                                | 1064                   |
|        | 09-11          |                   | 2,9                       |                                   | .6                      |      | 3,4                        | .6  | 1,2                     |                 | .8                     | 2,6                                | 1063                   |
|        | 12-14          |                   | 2,7                       |                                   | .3                      |      | 3,0                        | .5  | 1,7                     |                 | 2,1                    | 4,2                                | 1059                   |
|        | 15-17          |                   | 3,0                       |                                   | .2                      |      | 3,2                        | .3  | 1,6                     |                 | 1,4                    | 3,2                                | 1059                   |
|        | 18-20          |                   | 3,4                       |                                   |                         |      | 3,4                        |     | .8                      |                 | .7                     | 1,4                                | 1058                   |
|        | 21-23          |                   | 2,0                       |                                   | .2                      |      | 2,2                        | .3  | .2                      |                 | .9                     | 1,4                                | 1053                   |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
| TOTALS |                |                   | 3,0                       |                                   | .3                      |      | 3,3                        | .5  | 1,0                     |                 | .9                     | 2,3                                | 8482                   |



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AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

23182 PALMDALE APT CALIF

49-54,61-64,71-73

MAR

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| MAR    | 00-02          |                   | 3.0                       |                                   | .5                      |      | 3.0                        | .3  | .4                      |                 | .3                     | 1.0                                | 1182                  |
|        | 03-05          |                   | 2.4                       |                                   | .3                      |      | 2.8                        | .6  | .3                      |                 |                        | .2                                 | 1185                  |
|        | 06-08          |                   | 2.4                       |                                   | .5                      |      | 2.9                        | .9  | .6                      |                 |                        | 1.5                                | 1190                  |
|        | 09-11          |                   | 2.0                       |                                   | .4                      |      | 2.4                        | .6  | .6                      |                 | .4                     | 1.4                                | 1186                  |
|        | 12-14          |                   | 2.6                       |                                   | .3                      | .2   | 2.8                        | .3  | 1.2                     |                 | 1.5                    | 2.8                                | 1184                  |
|        | 15-17          | .1                | 3.7                       |                                   | .2                      |      | 3.7                        | .2  | 2.4                     |                 | 1.0                    | 3.5                                | 1180                  |
|        | 18-20          |                   | 3.6                       |                                   | .5                      |      | 4.1                        | .3  | 1.8                     |                 | .3                     | 2.3                                | 1192                  |
|        | 21-23          |                   | 3.3                       |                                   | .2                      |      | 3.4                        | .3  | 1.0                     |                 | .2                     | 1.4                                | 1191                  |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
| TOTALS |                | .0                | 2.9                       |                                   | .4                      | .0   | 3.1                        | .4  | 1.0                     |                 | .5                     | 1.8                                | 9490                  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

23182

PALMDALE APT CALIF

49-54,61-64,71-73

APR

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & / OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF O'S<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|-------------------|---------------------------|------------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| APR    | 00-02          |                   | .4                        |                                    | .1                      |      | .4                          |     | .3                      |                 |                        | .3                                 | 1152                  |
|        | 03-05          |                   | .9                        |                                    | .1                      |      | .9                          |     | .3                      |                 |                        | .3                                 | 1149                  |
|        | 06-08          |                   | .8                        |                                    |                         |      | .8                          |     | 1.0                     |                 |                        | 1.0                                | 1150                  |
|        | 09-11          |                   | 1.5                       |                                    |                         |      | 1.5                         |     | .8                      |                 | .5                     | 1.3                                | 1152                  |
|        | 12-14          | .1                | 1.5                       |                                    | .1                      |      | 1.5                         |     | .5                      |                 | 1.0                    | 1.5                                | 1145                  |
|        | 15-17          |                   | 1.0                       |                                    |                         |      | 1.0                         |     | 2.4                     |                 | 1.7                    | 4.2                                | 1144                  |
|        | 18-20          |                   | 1.1                       |                                    |                         |      | 1.1                         |     | 1.9                     |                 | 1.1                    | 2.8                                | 1141                  |
|        | 21-23          |                   | .5                        |                                    |                         |      | .5                          |     | .7                      |                 | .5                     | 1.2                                | 1154                  |
|        |                |                   |                           |                                    |                         |      |                             |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                    |                         |      |                             |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                    |                         |      |                             |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                    |                         |      |                             |     |                         |                 |                        |                                    |                       |
| TOTALS |                | .0                | 1.0                       |                                    | .0                      |      | 1.0                         |     | 1.0                     |                 | .6                     | 1.6                                | 9187                  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

23182

PALMDALE APT CALIF

49-54,61-64,71-73

MAY

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| MAY    | 00-02          |                   | .2                        |                                   |                         |      | .2                         |     | .2                      |                 | .2                     | .2                                 | 1200                   |
|        | 03-05          |                   | .5                        |                                   |                         |      | .5                         |     | .1                      |                 |                        | .1                                 | 1191                   |
|        | 06-08          |                   | .3                        |                                   |                         |      | .3                         |     | .3                      |                 | .2                     | .4                                 | 1192                   |
|        | 09-11          |                   | .3                        |                                   |                         |      | .3                         |     | .3                      |                 |                        | .3                                 | 1186                   |
|        | 12-14          | .2                | .7                        |                                   |                         |      | .7                         | .1  | 1.0                     |                 | .3                     | 1.3                                | 1194                   |
|        | 15-17          | .2                | .8                        |                                   |                         |      | .8                         |     | 4.0                     |                 | .4                     | 4.2                                | 1197                   |
|        | 18-20          | .3                | .7                        |                                   |                         |      | .7                         |     | 1.8                     |                 | .6                     | 2.3                                | 1192                   |
|        | 21-23          |                   | .1                        |                                   |                         |      | .1                         |     | .4                      |                 | .2                     | .6                                 | 1183                   |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
| TOTALS |                | .1                | .5                        |                                   |                         |      | .5                         | .0  | 1.0                     |                 | .2                     | 1.2                                | 9535                   |



DATA PROCESSING BRANCH  
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## WEATHER CONDITIONS

23182

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49-54,61-64,71-73

JUN

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| JUN    | 00-02          |                   | .1                        |                                   |                         |      | .1                         |     | .5                      |                 |                        | .5                                 | 1115                  |
|        | 03-05          | .2                | .3                        |                                   |                         |      | .3                         |     | .3                      |                 |                        | .3                                 | 1111                  |
|        | 06-08          |                   | .1                        |                                   |                         |      | .1                         |     |                         |                 | .1                     | .1                                 | 1122                  |
|        | 09-11          |                   |                           |                                   |                         |      |                            |     | .2                      |                 | .1                     | .2                                 | 1118                  |
|        | 12-14          |                   |                           |                                   |                         |      |                            |     | 1.1                     |                 | .9                     | 1.8                                | 1117                  |
|        | 15-17          |                   |                           |                                   |                         |      |                            |     | 4.4                     |                 | .7                     | 4.8                                | 1123                  |
|        | 18-20          |                   |                           |                                   |                         |      |                            |     | 2.8                     |                 |                        | 2.8                                | 1117                  |
|        | 21-23          | .1                | .2                        |                                   |                         |      | .2                         |     | 1.1                     |                 |                        | 1.1                                | 1119                  |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
| TOTALS |                | .0                | .1                        |                                   |                         |      | .1                         |     | 1.3                     |                 | .2                     | 1.5                                | 8942                  |



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## WEATHER CONDITIONS

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49-54,61-64,71-73

JUL

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OF<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JUL    | 00-02          |                   | .1                        |                                   |                         |      | .1                         |     |                         |                 |                        |                                    | 1158                   |
|        | 03-05          |                   | .3                        |                                   |                         |      | .3                         |     |                         |                 |                        |                                    | 1159                   |
|        | 06-08          | .1                | .2                        |                                   |                         |      | .2                         |     | .2                      |                 |                        | .2                                 | 1150                   |
|        | 09-11          |                   | .1                        |                                   |                         |      | .1                         |     |                         |                 |                        |                                    | 1146                   |
|        | 12-14          | .4                | .3                        |                                   |                         |      | .3                         |     | .2                      |                 |                        | .2                                 | 1157                   |
|        | 15-17          | .3                | .3                        |                                   |                         |      | .3                         |     | 1.6                     |                 |                        | 1.6                                | 1150                   |
|        | 18-20          | .1                | .3                        |                                   |                         |      | .3                         |     | .1                      |                 |                        | .1                                 | 1157                   |
|        | 21-23          |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    | 1163                   |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
| TOTALS |                | .1                | .2                        |                                   |                         |      | .2                         |     | .3                      |                 |                        | .3                                 | 9240                   |



DATA PROCESSING BRANCH  
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## WEATHER CONDITIONS

23182

PALMDALE APT CALIF

49-54, 61-64, 71-73

AUG

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| AUG    | 00-02          |                   |                           |                                   |                         |      |                            |     | .2                      |                 |                        | .2                                 | 1200                   |
|        | 03-05          | .2                | .4                        |                                   |                         |      | .4                         |     | .3                      |                 | .1                     | .3                                 | 1196                   |
|        | 06-08          | .1                | .3                        |                                   |                         |      | .3                         |     | .3                      |                 |                        | .3                                 | 1199                   |
|        | 09-11          | .2                | .3                        |                                   |                         |      | .3                         |     | .2                      |                 |                        | .2                                 | 1200                   |
|        | 12-14          | .8                | .4                        |                                   |                         |      | .4                         |     | .3                      |                 | .7                     | .9                                 | 1207                   |
|        | 15-17          | .8                | .6                        |                                   |                         |      | .6                         |     | 1.3                     |                 | .3                     | 1.5                                | 1189                   |
|        | 18-20          | .1                | .2                        |                                   |                         |      | .2                         |     | .3                      |                 | .1                     | .4                                 | 1193                   |
|        | 21-23          |                   | .3                        |                                   |                         |      | .3                         |     |                         |                 |                        |                                    | 1189                   |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
| TOTALS |                | .3                | .3                        |                                   |                         |      | .3                         |     | .4                      |                 | .2                     | .5                                 | 9563                   |



DATA PROCESSING BRANCH  
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## WEATHER CONDITIONS

23182

PALMDALE APT CALIF

49-54,61-64,71-72

SEP

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| SEP    | 00-02          |                   | .4                        |                                   |                         |      | .4                         | .6  | .1                      |                 |                        | .7                                 | 986                   |
|        | 03-05          | .1                | .5                        |                                   |                         |      | .5                         | .6  | .1                      |                 |                        | .7                                 | 987                   |
|        | 06-08          |                   | .9                        |                                   |                         |      | .9                         | .4  | .5                      |                 |                        | .8                                 | 986                   |
|        | 09-11          | .1                | .9                        |                                   |                         |      | .9                         |     | .1                      |                 |                        | .1                                 | 991                   |
|        | 12-14          | .3                | 1.2                       |                                   |                         |      | 1.2                        | .2  |                         |                 | .3                     | .5                                 | 989                   |
|        | 15-17          | .1                | 1.2                       |                                   |                         |      | 1.2                        | .1  | 1.0                     |                 | .3                     | 1.4                                | 988                   |
|        | 18-20          |                   | .9                        |                                   |                         |      | .9                         |     | .1                      |                 |                        | .1                                 | 989                   |
|        | 21-23          |                   | .7                        |                                   |                         |      | .7                         | .3  | .1                      |                 |                        | .4                                 | 992                   |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
| TOTALS |                | .1                | .8                        |                                   |                         |      | .8                         | .3  | .3                      |                 | .1                     | .6                                 | 7898                  |



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## WEATHER CONDITIONS

23182

PALMDALE APT CALIF

49-54,61-64,71-72

OCT

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | PAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| OCT    | 00-02          |                   | .9                        |                                   |                         |      | .9                         |     | .6                      |                 |                        | .6                                 | 1109                  |
|        | 03-05          | .2                | .6                        |                                   |                         |      | .6                         |     | .3                      |                 |                        | .3                                 | 1105                  |
|        | 06-08          |                   | .6                        |                                   |                         |      | .6                         | .5  | .8                      |                 |                        | 1.1                                | 1104                  |
|        | 09-11          |                   | .6                        |                                   |                         |      | .6                         | .2  | 1.0                     |                 | .4                     | 1.4                                | 1097                  |
|        | 12-14          |                   | .5                        |                                   |                         |      | .5                         |     | .5                      |                 | .8                     | 1.3                                | 1095                  |
|        | 15-17          | .2                | .5                        |                                   |                         |      | .5                         |     | 1.6                     |                 | 1.0                    | 2.6                                | 1104                  |
|        | 18-20          | .1                | .6                        |                                   |                         |      | .6                         |     | 1.2                     |                 | .7                     | 1.9                                | 1104                  |
|        | 21-23          |                   | .9                        |                                   | .2                      |      | 1.1                        |     | .3                      |                 | .3                     | .5                                 | 1109                  |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
| TOTALS |                | .1                | .7                        |                                   | .0                      |      | .7                         | .1  | .8                      |                 | .4                     | 1.2                                | 8827                  |



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## WEATHER CONDITIONS

23182

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48-54,61-64,71-72

NDV

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| NDV    | 00-02          |                   | 1,2                       |                                   | .2                      |      | 1,4                        |     | 1,1                     |                 |                        | 1,1                                | 1166                  |
|        | 03-05          |                   | 1,7                       |                                   | .3                      |      | 2,0                        | .3  | .2                      |                 |                        | .5                                 | 1161                  |
|        | 06-08          |                   | 1,7                       |                                   | .3                      |      | 2,0                        | 1,1 | .1                      |                 |                        | 1,2                                | 1157                  |
|        | 09-11          |                   | 2,3                       |                                   | .3                      |      | 2,6                        | .6  | .4                      |                 | .5                     | 1,6                                | 1158                  |
|        | 12-14          |                   | 1,6                       |                                   | .3                      |      | 1,9                        | .4  | .3                      |                 | .6                     | 1,3                                | 1163                  |
|        | 15-17          | .2                | 1,7                       |                                   | .3                      |      | 2,0                        | .3  | .8                      |                 | .7                     | 1,7                                | 1152                  |
|        | 18-20          |                   | 1,0                       |                                   | .3                      |      | 1,3                        | .3  | 1,4                     |                 | .1                     | 1,7                                | 1159                  |
|        | 21-23          |                   | 1,0                       |                                   | .3                      |      | 1,3                        | .3  | 2,1                     |                 |                        | 2,4                                | 1162                  |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
| TOTALS |                | .0                | 1,5                       |                                   | .3                      |      | 1,8                        | .4  | .8                      |                 | .2                     | 1,4                                | 9278                  |



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## WEATHER CONDITIONS

23182

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DEC

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| DEC    | 00-02          |                   | 2.0                       |                                   | .3                      |      | 3.1                        | 1.3 | .9                      |                 | .2                     | 2.3                                | 1197                  |
|        | 03-05          |                   | 2.4                       |                                   | .2                      |      | 2.6                        | 1.3 | .9                      |                 | .1                     | 2.3                                | 1196                  |
|        | 06-08          |                   | 3.0                       |                                   | .7                      |      | 3.7                        | 2.4 | .3                      |                 |                        | 2.7                                | 1199                  |
|        | 09-11          |                   | 2.8                       |                                   | .5                      |      | 3.3                        | 1.8 | .1                      |                 | .2                     | 2.1                                | 1199                  |
|        | 12-14          |                   | 3.2                       |                                   | .7                      | .1   | 3.8                        | .8  | .3                      |                 | .9                     | 2.1                                | 1201                  |
|        | 15-17          |                   | 3.6                       |                                   | .8                      |      | 4.2                        | 1.1 | .6                      |                 | .6                     | 2.1                                | 1197                  |
|        | 18-20          |                   | 2.3                       |                                   | .5                      |      | 2.8                        | .8  | .8                      |                 | .2                     | 1.6                                | 1198                  |
|        | 21-23          |                   | 2.9                       |                                   | .2                      |      | 3.1                        | .5  | 1.0                     |                 | .3                     | 1.7                                | 1194                  |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
|        |                |                   |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                       |
| TOTALS |                |                   | 2.9                       |                                   | .5                      | .0   | 3.3                        | 1.3 | .6                      |                 | .3                     | 2.1                                | 9581                  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
XX WEATHER CONDITIONS XX  
XXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

23182 PALMDALE APT CALIF

48-73

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JAN    | DAILY          | .1                | 16.0                      | .1                                | 5.2                     |      | 18.8                       | 5.9 | 6.7                     | .3              | .3                     | 11.4                               | 775                    |
| FEB    |                | .6                | 19.1                      |                                   | 2.4                     | .3   | 20.0                       | 5.5 | 7.1                     |                 | .6                     | 10.9                               | 706                    |
| MAR    |                | .6                | 17.3                      |                                   | 3.5                     | .4   | 18.1                       | 2.5 | 6.1                     |                 | .4                     | 8.5                                | 775                    |
| APR    |                | .2                | 13.1                      |                                   | 1.3                     | .4   | 13.2                       | 1.5 | 6.0                     |                 | .4                     | 7.5                                | 720                    |
| MAY    |                | .9                | 5.0                       |                                   |                         |      | 5.0                        | .5  | 7.7                     |                 | .3                     | 8.1                                | 775                    |
| JUN    |                | 1.3               | 1.5                       |                                   |                         | .1   | 1.5                        | .3  | 8.4                     |                 | .3                     | 8.7                                | 749                    |
| JUL    |                | 3.2               | 5.0                       |                                   |                         |      | 5.0                        |     | 4.9                     |                 |                        | 4.9                                | 775                    |
| AUG    |                | 4.8               | 6.6                       |                                   |                         |      | 6.6                        |     | 4.5                     |                 | .1                     | 4.6                                | 775                    |
| SEP    |                | 2.5               | 5.1                       |                                   |                         |      | 5.1                        | 1.0 | 4.7                     |                 | .1                     | 5.6                                | 720                    |
| OCT    |                | 1.7               | 7.1                       |                                   | .4                      |      | 7.3                        | 2.2 | 8.6                     |                 | .7                     | 10.1                               | 744                    |
| NOV    |                | .7                | 11.9                      |                                   | .6                      | .3   | 17.1                       | 4.0 | 5.5                     |                 |                        | 8.6                                | 725                    |
| DEC    |                |                   | 16.1                      |                                   | 3.2                     | .8   | 17.3                       | 5.5 | 4.6                     |                 | 1.0                    | 9.3                                | 775                    |
| TOTALS |                | 1.4               | 10.3                      | .0                                | 1.4                     | .2   | 10.8                       | 2.4 | 6.2                     | .0              | .3                     | 8.2                                | 9044                   |



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

|                             |       |  |
|-----------------------------|-------|--|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths)   |
| EXTREME DAILY SNOWFALL      | ".0"  | equals none for the month (tenths)       |
| EXTREME DAILY SNOW DEPTH    | "0"   | equals none for the month (whole inches) |

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side



- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST  
Jan 46-May 47 at 1230GMT  
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT  
Jul 52-May 57 at 1230GMT  
Jun 57-present at 1200GMT



1 DATA PROCESSING BRANCH  
USAF NTAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

23182

PALMDALE APT CALIF

48-73

STATION

STATION NAME

YEARS

|               | AMOUNTS (INCHES) |       |       |       |       |       |       |        |         |         |          |           |           | PERCENT<br>OF DAYS<br>WITH<br>MEASUR-<br>ABLE<br>AMTS | TOTAL<br>NO<br>OF<br>OBS | MONTHLY AMOUNTS<br>(INCHES) |          |       |
|---------------|------------------|-------|-------|-------|-------|-------|-------|--------|---------|---------|----------|-----------|-----------|---|--------------------------|-----------------------------|----------|-------|
| PRECIP        | NONE             | TRACE | 01    | 02 03 | 06 10 | 11 25 | 26 50 | 51 100 | 101 250 | 251 500 | 501 1000 | 1001 2000 | OVER 2000 |   |                          | MEAN                        | GREATEST | LEAST |
| SNOWFALL      | NONE             | TRACE | 01 04 | 05 14 | 15 24 | 25 34 | 35 44 | 45 64  | 65 104  | 105 154 | 155 254  | 255 504   | OVER 504  |   |                          |                             |          |       |
| SNOW<br>DEPTH | NONE             | TRACE | 1     | 2     | 3     | 4 6   | 7 12  | 13 24  | 25 36   | 37 48   | 49 60    | 61 120    | OVER 120  |   |                          |                             |          |       |
| JAN           | 81.2             | 5.8   | 1.4   | 1.9   | 1.8   | 3.0   | 2.6   | 1.9    | .4      |         |          |           |           | 13.0  | 775                      | 1.13                        | 3.69     | .00   |
| FEB           | 80.0             | 6.8   | 1.4   | 3.5   | 1.7   | 2.5   | 2.4   | 1.3    | .3      |         |          |           |           | 13.2  | 706                      | .82                         | 3.75     | TRACE |
| MAR           | 81.9             | 6.7   | 2.2   | 2.7   | 1.5   | 2.5   | 1.8   | .4     | .3      |         |          |           |           | 11.4  | 775                      | .58                         | 2.82     | .00   |
| APR           | 86.8             | 4.4   | 1.2   | 2.5   | 1.3   | 2.1   | 1.2   | .4     |         |         |          |           |           | 8.8   | 750                      | .39                         | 1.79     | .00   |
| MAY           | 95.0             | 2.2   | .4    | 1.2   | .9    | .4    |       |        |         |         |          |           |           | 2.3   | 775                      | .06                         | .27      | .00   |
| JUN           | 98.5             | .6    | .3    | .1    | .1    | .3    | .1    |        |         |         |          |           |           | 1.0   | 720                      | .03                         | .45      | .00   |
| JUL           | 95.0             | 3.0   | .3    | 1.0   | .1    | .4    | .1    | .1     |         |         |          |           |           | 2.1   | 775                      | .07                         | .65      | .00   |
| AUG           | 93.4             | 4.5   | .3    | .6    | .4    | .3    | .1    |        | .1      |         |          |           |           | 2.1   | 775                      | .12                         | 1.76     | .00   |
| SEP           | 94.9             | 1.7   | .4    | 1.4   |       | 1.0   | .3    | .4     |         |         |          |           |           | 3.3   | 720                      | .16                         | 1.75     | .00   |
| OCT           | 92.7             | 3.8   | .4    | .3    | .4    | 1.5   | .3    | .4     |         |         |          |           |           | 3.3   | 744                      | .21                         | 1.51     | .00   |
| NOV           | 87.8             | 3.5   | .8    | 2.2   | 1.3   | 1.3   | 1.4   | 1.1    | .6      | .1      |          |           |           | 8.8   | 720                      | .88                         | 4.89     | .00   |
| DEC           | 83.1             | 5.8   | 1.8   | 1.8   | 1.7   | 2.8   | 1.9   | .8     | .3      |         |          |           |           | 11.1  | 775                      | .71                         | 2.97     | .00   |
| ANNUAL        | 89.2             | 4.1   | .9    | 1.6   | .9    | 1.5   | 1.0   | .6     | .2      | .0      |          |           |           | 6.8   | 9010                     | 5.16                        | ✕        | ✕     |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

PRECIPITATION  
(FROM DAILY OBSERVATIONS)

82182 PALMDALE APT CALIF  
STATION STATION NAME

98-73

YEARS

## 24 HOUR AMOUNTS IN INCHES

| MONTH<br>YEAR | JAN   | FEB   | MAR  | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ALL<br>MONTHS |
|---------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 48            |       |       |      |       |       |       |       |       |       |       | .00   | .27   |               |
| 49            | .40   | .02   | .12  | TRACE | .04   | .00   | .00   | TRACE | TRACE | .04   | .29   | .48   | .48           |
| 50            | .22   | .36   | .53  | .13   | .02   | .00   | .16   | .00   | .04   | TRACE | .06   | TRACE | .53           |
| 51            | .34   | .01   | .39  | .22   | .22   | .00   | TRACE | .00   | .00   | .22   | .09   | .82   | .82           |
| 52            | 1.27  | .55   | 1.20 | .64   | .00   | .00   | .56   | TRACE | .19   | .00   | .57   | .76   | 1.27          |
| 53            | TRACE | .27   | .03  | .13   | .08   | .00   | .00   | TRACE | .00   | .00   | .16   | .03   | .27           |
| 54            | 1.34  | .71   | .48  | .00   | .00   | .00   | TRACE | .00   | .00   | .00   | 1.24  | .17   | 1.34          |
| 55            | .75   | .22   | .00  | .21   | .08   | .00   | TRACE | .08   | TRACE | .00   | .14   | .41   | .75           |
| 56            | .91   | .03   | .08  | .91   | .01   | .00   | .03   | .00   | .00   | .04   | .00   | .01   | .91           |
| 57            | 1.54  | .26   | .42  | .10   | .03   |       | TRACE | TRACE | .08   | .73   | .20   | .63   |               |
| 58            | .40   | .82   | .33  | .49   | .00   | .00   | .00   | .09   | .67   | .66   | .24   | .00   | .82           |
| 59            | .43   | .43   | .00  | .08   | TRACE | .00   | TRACE | TRACE | .18   | TRACE | TRACE | .50   | .50           |
| 60            | .51   | .75   | .09  | .09   | TRACE | .00   | .00   | .00   | TRACE | .23   |       | .01   |               |
| 61            | .18   | .07   | .23  | .01   | .00   | .00   | .00   | .14   | .00   | TRACE | .68   | .41   | .68           |
| 62            | .52   | 1.26  | .19  | .00   | .03   | .00   | .00   | .00   | .00   | TRACE | .00   | TRACE | 1.26          |
| 63            | TRACE | .48   | .43  | .29   | TRACE | .18   | .00   | .12   | .29   | .81   | .16   | .00   | .81           |
| 64            | .61   | .02   | .38  | .12   | .18   | .00   | TRACE | TRACE | TRACE | .13   | .76   | .48   | .76           |
| 65            | .05   | TRACE | .32  | .29   | .00   | TRACE | .31   | .03   | .23   | TRACE | 2.32  | 1.04  | 2.32          |
| 66            | .43   | .76   | .04  | .00   | TRACE | .00   | TRACE | .00   | .29   | .01   | 1.38  | .33   | 1.38          |
| 67            | .87   | TRACE | .30  | .20   | TRACE | TRACE | .04   | .24   | .12   | .00   | 2.08  | .22   | 2.08          |
| 68            | .20   | .38   | .34  | .19   | .00   | .00   | .03   | 1.33  | .00   | .20   | .10   | .13   | 1.33          |
| 69            | .92   | .90   | .12  | .23   | .06   | .10   | .12   | TRACE | TRACE | TRACE | .64   | TRACE | .92           |
| 70            | .03   | .39   | .41  | .07   | TRACE | .00   | .03   | .00   | .00   | .03   | 1.41  | .79   | 1.41          |
| 71            | .03   | .12   | .22  | .14   | .12   | .00   | .04   | TRACE | .04   | .14   | TRACE | 1.24  | 1.24          |
| 72            | .00   | .01   | .00  | .07   | TRACE | .29   | .00   | .14   | .00   | .02   | .48   | .19   | .48           |
| 73            | .56   | 1.32  | .68  | TRACE | .07   | .00   | .00   | .01   |       |       |       |       |               |
| MEAN          | .50   | .41   | .30  | .21   | .04   | .02   | .03   | .10   | .10   | .14   | .33   | .37   | 1.04          |
| S D           | .439  | .391  | .286 | .236  | .063  | .070  | .126  | .212  | .183  | .248  | .653  | .365  | .548          |
| TOTAL OBS     | 773   | 706   | 773  | 750   | 775   | 720   | 773   | 773   | 720   | 744   | 720   | 773   | 9010          |







DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

22182

PALMDALE APT CALIF

48-73

STATION

STATION NAME

YEARS

| PRECIP        | AMOUNTS (INCHES) |       |       |       |       |       |       |        |         |         |          |           |           | PERCENT<br>OF DAYS<br>WITH<br>MEASUR-<br>ABLE<br>AMTS | TOTAL<br>NO<br>OF<br>OBS | MONTHLY AMOUNTS<br>(INCHES) |          |       |
|---------------|------------------|-------|-------|-------|-------|-------|-------|--------|---------|---------|----------|-----------|-----------|---|--------------------------|-----------------------------|----------|-------|
|               | NONE             | TRACE | 01    | 02 05 | 06 10 | 11 25 | 26 50 | 51 100 | 101 250 | 251 500 | 501 1000 | 1001 2000 | OVER 2000 |   |                          | MEAN                        | GREATEST | LEAST |
| SNOWFALL      | NONE             | TRACE | 01 04 | 05 14 | 15 24 | 25 34 | 35 44 | 45 64  | 65 104  | 105 154 | 155 254  | 255 504   | OVER 504  |   |                          |                             |          |       |
| SNOW<br>DEPTH | NONE             | TRACE | 1     | 2     | 3     | 4 6   | 7 12  | 13 24  | 25 36   | 37 48   | 49 60    | 61 120    | OVER 120  |   |                          |                             |          |       |
| JAN           | 94.8             | 3.0   | .3    | .4    | .3    | .4    | .3    | .4     | .1      | .1      |          |           |           | 2.2   | 775                      | 2.3                         | 24.9     | .0    |
| FEB           | 97.6             | 2.3   |       | .1    |       |       |       |        |         |         |          |           |           | .1  | 706                      | TRACE                       | .6       | .0    |
| MAR           | 96.6             | 3.1   |       | .1    | .1    |       |       |        |         |         |          |           |           | .3  | 775                      | .1                          | 2.0      | .0    |
| APR           | 98.7             | 1.3   |       |       |       |       |       |        |         |         |          |           |           |   | 750                      | TRACE                       | TRACE    | .0    |
| MAY           | 100.0            |       |       |       |       |       |       |        |         |         |          |           |           |   | 775                      | .0                          | .0       | .0    |
| JUN           | 100.0            |       |       |       |       |       |       |        |         |         |          |           |           |   | 720                      | .0                          | .0       | .0    |
| JUL           | 100.0            |       |       |       |       |       |       |        |         |         |          |           |           |   | 775                      | .0                          | .0       | .0    |
| AUG           | 100.0            |       |       |       |       |       |       |        |         |         |          |           |           |   | 775                      | .0                          | .0       | .0    |
| SEP           | 100.0            |       |       |       |       |       |       |        |         |         |          |           |           |   | 720                      | .0                          | .0       | .0    |
| OCT           | 99.6             | .4    |       |       |       |       |       |        |         |         |          |           |           |   | 744                      | TRACE                       | TRACE    | .0    |
| NOV           | 99.4             | .4    |       |       |       |       |       |        |         | .1      |          |           |           | .1  | 720                      | .5                          | 12.0     | .0    |
| DEC           | 96.8             | 2.2   | .1    | .5    | .1    |       | .1    | .1     |         |         |          |           |           | 1.0   | 775                      | .7                          | 10.0     | .0    |
| ANNUAL        | 98.6             | 1.1   | .0    | .1    | .0    | .0    | .0    | .0     | .0      | .0      |          |           |           | .3  | 9010                     | 3.6                         |          |       |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOWFALL  
(FROM DAILY OBSERVATIONS)

22182 PALMDALE APT CALIF

48-73

YEARS

## 24 HOUR AMOUNTS IN INCHES

| MONTH<br>YEAR | JAN   | FEB   | MAR   | APR   | MAY  | JUN  | JUL  | AUG  | SEP  | OCT   | NOV   | DEC   | ALL<br>MONTHS |
|---------------|-------|-------|-------|-------|------|------|------|------|------|-------|-------|-------|---------------|
| 48            |       |       |       |       |      |      |      |      |      |       | .0    | TRACE |               |
| 49            | 11.3  | TRACE | .0    | .0    | .0   | .0   | .0   | .0   | .0   | TRACE | .0    | TRACE | 11.3          |
| 50            | TRACE | .0    | TRACE | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | TRACE         |
| 51            | TRACE | TRACE | 2.0   | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | TRACE | 2.0           |
| 52            | 1.0   | .0    | TRACE | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | 1.0           |
| 53            | .0    | TRACE | TRACE | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | TRACE         |
| 54            | 6.0   | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | 6.0           |
| 55            | 3.0   | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | TRACE | 3.0           |
| 56            | TRACE | TRACE | .0    | TRACE | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | TRACE         |
| 57            | 2.0   | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    |               |
| 58            | .0    | .0    | 1.0   | TRACE | .0   | .0   | .0   | .0   | .0   | .0    | TRACE | .0    | 1.0           |
| 59            | .0    | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | TRACE | .0    | TRACE | TRACE         |
| 60            | TRACE | TRACE | .0    | TRACE | .0   | .0   | .0   | .0   | .0   | .0    | .0    | TRACE | TRACE         |
| 61            | .0    | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | TRACE | TRACE         |
| 62            | 7.0   | TRACE | TRACE | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | 7.0           |
| 63            | .0    | .0    | .0    | TRACE | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | TRACE         |
| 64            | TRACE | TRACE | TRACE | .0    | .0   | .0   | .0   | .0   | .0   | .0    | 12.0  | TRACE | 12.0          |
| 65            | TRACE | .0    | .0    | TRACE | .0   | .0   | .0   | .0   | .0   | .0    | TRACE | TRACE | TRACE         |
| 66            | TRACE | .0    | TRACE | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0            |
| 67            | .0    | .0    | TRACE | TRACE | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | 1.0           |
| 68            | .0    | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .1            |
| 69            | .1    | TRACE | TRACE | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .1            |
| 70            | .0    | .0    | .0    | TRACE | .0   | .0   | .0   | .0   | .0   | .0    | .0    | 2.0   | 2.0           |
| 71            | TRACE | .0    | .0    | .0    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | 6.0           |
| 72            | .0    | .0    | .0    | TRACE | .0   | .0   | .0   | .0   | .0   | .0    | .0    | 1.0   | 1.0           |
| 73            | .0    | TRACE | TRACE | .0    | .0   | .0   | .0   | .0   |      |       |       |       |               |
| MEAN          | 1.42  | .02   | .12   | TRACE | .00  | .00  | .00  | .00  | .00  | TRACE | .30   | .42   | 2.37          |
| S D           | 2.983 | .120  | .440  | .000  | .000 | .000 | .000 | .000 | .000 | .000  | 2.447 | 1.268 | 3.690         |
| TOTAL OBS     | 775   | 706   | 775   | 730   | 775  | 720  | 775  | 775  | 720  | 744   | 720   | 775   | 9010          |



## EXTREME VALUES

13132 STATION PALMDALE APT CALIF STATION NAME

48-75

**YEARS**

[illegible]



1 DATA PROCESSING BRANCH  
USAF BTAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

22182

PALMDALE APT CALIF

48-73

STATION

STATION NAME

YEARS

| PRECIP        | AMOUNTS (INCHES) |       |        |         |         |         |         |         |           |           |            |             |            | PERCENT<br>OF DAYS<br>WITH<br>MEASUR-<br>ABLE<br>AMTS | TOTAL<br>NO<br>OF<br>OBS. | MONTHLY AMOUNTS<br>(INCHES) |          |       |
|---------------|------------------|-------|--------|---------|---------|---------|---------|---------|-----------|-----------|------------|-------------|------------|---|---------------------------|-----------------------------|----------|-------|
|               | NONE             | TRACE | 01     | 02 05   | 06 10   | 11 25   | 26 30   | 31 100  | 1 01 2 50 | 2 51 5 00 | 5 01 10 00 | 10 01 20 00 | OVER 20 00 |   |                           | MEAN                        | GREATEST | LEAST |
| SNOWFALL      | NONE             | TRACE | 01 0 4 | 0 5 1 4 | 1 5 2 4 | 2 5 3 4 | 3 5 4 4 | 4 5 6 4 | 6 5 10 4  | 10 5 15 4 | 15 5 25 4  | 25 5 50 4   | OVER 50 4  |   |                           |                             |          |       |
| SNOW<br>DEPTH | NONE             | TRACE | 1      | 2       | 3       | 4 6     | 7 12    | 13-24   | 25 36     | 37 48     | 49 60      | 61 120      | OVER 120   |   |                           |                             |          |       |
| JAN           | 97.6             | .1    | .7     | .3      | .3      | .8      | .3      |         |           |           |            |             |            | 2.3   | 744                       |                             |          |       |
| FEB           | 99.6             | .3    |        |         |         | .1      |         |         |           |           |            |             |            | .1  | 706                       |                             |          |       |
| MAR           | 99.6             | .3    | .1     |         |         |         |         |         |           |           |            |             |            | .1  | 775                       |                             |          |       |
| APR           | 100.0            |       |        |         |         |         |         |         |           |           |            |             |            |   | 750                       |                             |          |       |
| MAY           | 100.0            |       |        |         |         |         |         |         |           |           |            |             |            |   | 775                       |                             |          |       |
| JUN           | 100.0            |       |        |         |         |         |         |         |           |           |            |             |            |   | 720                       |                             |          |       |
| JUL           | 100.0            |       |        |         |         |         |         |         |           |           |            |             |            |   | 775                       |                             |          |       |
| AUG           | 100.0            |       |        |         |         |         |         |         |           |           |            |             |            |   | 775                       |                             |          |       |
| SEP           | 100.0            |       |        |         |         |         |         |         |           |           |            |             |            |   | 720                       |                             |          |       |
| OCT           | 100.0            |       |        |         |         |         |         |         |           |           |            |             |            |   | 744                       |                             |          |       |
| NOV           | 99.0             |       | .3     | .1      |         | .3      | .3      |         |           |           |            |             |            | 1.0   | 720                       |                             |          |       |
| DEC           | 98.6             | .1    | .4     | .4      | .1      | .1      |         |         |           |           |            |             |            | 1.1   | 744                       |                             |          |       |
| ANNUAL        | 99.5             | .1    | .1     | .1      | .0      | .1      | .0      |         |           |           |            |             |            | .4  | 8948                      |                             |          |       |



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

22182 PALMDALE APT CALIF  
 STATION STATION NAME

48-73

YEARS

## DAILY SNOW DEPTH IN INCHES

| MONTH<br>YEAR | JAN   | FEB   | MAR   | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV   | DEC   | ALL<br>MONTHS |
|---------------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|---------------|
| 48            |       |       |       |      |      |      |      |      |      |      | 0     | 0     |               |
| 49            | 7     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | TRACE | 7             |
| 50            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 51            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 52            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 53            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 54            | 3     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 3             |
| 55            | 3     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 3             |
| 56            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 57            | 7     | 4     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 58            | 0     | 0     | 1     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 1             |
| 59            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 60            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 61            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 62            | 7     | TRACE | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 7             |
| 63            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 64            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 65            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 66            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 67            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 2     | 2             |
| 68            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 69            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| 70            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 1     | 1             |
| 71            | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 4     | 4             |
| 72            | 2     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 1     | 2             |
| 73            | 0     | 0     | TRACE | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0             |
| MEAN          | 1.2   | .2    | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .3    | .3    | 1.8           |
| S D           | 2.471 | .800  | .200  | .000 | .000 | .000 | .000 | .300 | .000 | .000 | 1.632 | .900  | 2.666         |
| TOTAL OBS     | 775   | 706   | 775   | 750  | 775  | 720  | 775  | 775  | 720  | 744  | 720   | 775   | 9010          |







U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

DATA NOT AVAILABLE

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-73  
YEARS

ALL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .9    | 1.7   | 1.0    | .2      | .0      | .0      |         |         |         |         |      | 3.2   | 5.7                   |
| NNE                    | .4    | 1.0   | .7     | .2      | .0      | .0      | .0      | .0      |         |         |      | 2.4   | 6.8                   |
| NE                     | .5    | .9    | .7     | .3      | .1      | .2      | .0      |         |         |         |      | 2.5   | 7.1                   |
| ENE                    | .2    | .5    | .6     | .4      | .1      | .0      |         | .0      |         |         |      | 1.6   | 7.7                   |
| E                      | .3    | .6    | .5     | .3      | .1      | .0      |         |         |         |         |      | 1.9   | 7.7                   |
| ESE                    | .2    | .5    | .4     | .1      | .0      | .0      | .0      |         |         |         |      | 1.2   | 6.9                   |
| SE                     | .4    | .9    | .3     | .1      | .0      | .0      |         |         |         |         |      | 1.7   | 5.3                   |
| SSE                    | .4    | 1.1   | .5     | .0      | .0      | .0      | .0      |         |         |         |      | 2.1   | 5.6                   |
| S                      | 1.3   | 5.1   | 3.3    | .5      | .1      | .0      | .0      | .0      |         |         |      | 12.3  | 6.4                   |
| SSW                    | .8    | 3.7   | 3.2    | 2.0     | 1.1     | .4      | .0      | .0      |         |         |      | 11.3  | 9.5                   |
| SW                     | 1.3   | 3.4   | 4.5    | 5.3     | 3.1     | 1.2     | .1      | .0      |         |         |      | 19.5  | 11.7                  |
| WSW                    | .4    | 1.2   | 2.5    | 4.1     | 1.9     | .4      | .0      | .0      |         |         |      | 10.4  | 12.4                  |
| W                      | .5    | 1.0   | 1.7    | 2.1     | .9      | .4      | .1      | .0      |         | .0      |      | 6.7   | 11.5                  |
| WNW                    | .4    | 1.1   | 1.4    | 2.0     | 1.5     | 1.0     | .2      | .0      |         |         |      | 7.4   | 13.7                  |
| NW                     | .6    | 1.3   | 1.0    | .7      | .4      | .2      | .0      | .0      |         |         |      | 4.3   | 9.2                   |
| NNW                    | .5    | 1.1   | .6     | .1      | .0      | .0      | .0      |         |         |         |      | 2.4   | 6.3                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 10.0  |                       |
|                        | 9.1   | 25.2  | 23.1   | 19.0    | 9.4     | 3.8     | .4      | .0      |         | .0      |      | 100.0 | 8.3                   |

TOTAL NUMBER OF OBSERVATIONS 119166



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

131  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.2   | 2.3   | 1.3    | .2      | .1      |         |         |         |         |         |      | 3.4   | 5.4                   |
| NNE                     | .4    | 1.0   | 1.0    | .4      | .1      | .0      | .0      |         |         |         |      | 2.4   | 7.3                   |
| NE                      | .4    | .9    | .8     | .4      | .1      | .1      |         |         |         |         |      | 2.7   | 7.3                   |
| ENE                     | .2    | .5    | .9     | 1.0     | .3      | .1      |         |         |         |         |      | 3.1   | 10.6                  |
| E                       | .4    | .6    | 1.0    | .9      | .2      | .0      |         |         |         |         |      | 3.2   | 3.1                   |
| ESE                     | .2    | .4    | .6     | .3      | .1      |         |         |         |         |         |      | 1.6   | 4.2                   |
| SE                      | .3    | 1.1   | .3     | .0      |         |         |         |         |         |         |      | 1.9   | 4.9                   |
| SSE                     | .4    | .9    | .6     | .0      |         |         |         |         |         |         |      | 2.0   | 5.5                   |
| S                       | 1.3   | 3.6   | 2.4    | .3      | .2      | .1      | .0      | .0      |         |         |      | 9.9   | 6.2                   |
| SSW                     | 1.0   | 4.2   | 1.8    | 1.0     | .9      | .3      | .1      | .0      |         |         |      | 9.2   | 4.3                   |
| SW                      | 1.9   | 3.7   | 2.5    | 3.4     | 1.9     | .6      | .0      | .0      |         |         |      | 14.7  | 10.1                  |
| WSW                     | .6    | 1.2   | 1.8    | 2.4     | .7      | .1      |         | .0      |         |         |      | 7.2   | 10.3                  |
| W                       | .7    | 1.4   | 1.5    | 1.7     | .5      | .1      | .0      | .0      |         |         |      | 6.7   | 9.9                   |
| WNW                     | .6    | 2.0   | 1.5    | 1.9     | 1.1     | .6      | .1      | .0      |         |         |      | 8.7   | 11.3                  |
| NW                      | .7    | 2.2   | 1.5    | .7      | .4      | .3      | .0      |         |         |         |      | 5.8   | 3.7                   |
| NNW                     | .9    | 1.6   | .9     | .2      | .0      | .0      | .0      |         |         |         |      | 3.7   | 6.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.7  |                       |
|                         | 11.6  | 30.0  | 20.4   | 14.9    | 6.4     | 2.4     | .3      | .1      |         |         |      | 100.7 | 7.4                   |

TOTAL NUMBER OF OBSERVATIONS

9367



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L S Y)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 1.1   | 2.1   | 1.2    | .2      | .0      | .0      |         |         |         |         |      | 4.5   | 5.9                   |
| NNE                    | .5    | .9    | 1.0    | .4      | .0      |         |         |         |         |         |      | 2.4   | 6.9                   |
| NE                     | .5    | .9    | .8     | .5      | .2      |         |         |         |         |         |      | 2.5   | 8.0                   |
| ENE                    | .3    | .5    | .8     | .8      | .3      | .1      |         |         |         |         |      | 2.5   | 10.0                  |
| E                      | .3    | .5    | .8     | .8      | .2      | .1      |         |         |         |         |      | 2.7   | 9.7                   |
| ESE                    | .2    | .6    | .6     | .2      | .0      |         |         |         |         |         |      | 1.0   | 7.2                   |
| SE                     | .4    | 1.0   | .5     | .1      | .0      | .0      |         |         |         |         |      | 2.1   | 6.0                   |
| SSE                    | .3    | 1.3   | .7     | .1      | .0      | .0      |         |         |         |         |      | 2.4   | 6.0                   |
| S                      | 1.1   | 2.3   | 3.1    | .3      | .1      | .1      |         |         |         |         |      | 10.5  | 6.3                   |
| SSW                    | .9    | 4.5   | 2.4    | 1.2     | .5      | .3      | .0      |         |         |         |      | 9.1   | 8.1                   |
| SW                     | 1.7   | 3.7   | 2.9    | 3.5     | 1.7     | .9      | .0      | .0      |         |         |      | 14.5  | 10.4                  |
| WSW                    | .5    | 1.3   | 2.1    | 2.5     | .8      | .3      | .0      |         |         |         |      | 7.5   | 10.9                  |
| W                      | .5    | 1.4   | 1.7    | 1.9     | .7      | .4      | .1      | .0      |         | .0      |      | 6.5   | 11.3                  |
| WNW                    | .5    | 1.7   | 1.3    | 2.5     | 1.7     | 1.2     | .3      | .0      |         |         |      | 9.2   | 13.5                  |
| NW                     | 1.0   | 1.9   | 1.3    | .8      | .4      | .2      | .0      |         |         |         |      | 5.6   | 9.1                   |
| NNW                    | .0    | 1.4   | .8     | .2      | .0      |         |         |         |         |         |      | 3.0   | 6.1                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 11.4  |                       |
|                        | 10.4  | 29.0  | 22.1   | 16.1    | 6.9     | 3.5     | .5      | .1      |         | .0      |      | 100.0 | 8.0                   |

TOTAL NUMBER OF OBSERVATIONS 6474



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

3%  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .8    | 1.7   | .9     | .1      | .1      |         |         |         |         |         |      | 3.6   | 5.4                   |
| NNE                     | .2    | .7    | .5     | .3      | .1      | .1      | .0      | .1      |         |         |      | 2.4   | 5.4                   |
| NE                      | .3    | .7    | .7     | .7      | .1      | .0      |         |         |         |         |      | 2.4   | 8.4                   |
| ENE                     | .1    | .5    | .7     | .5      | .1      | .0      |         |         |         |         |      | 2.0   | 9.1                   |
| E                       | .2    | .5    | .6     | .3      | .0      |         |         |         |         |         |      | 1.5   | 7.9                   |
| ESE                     | .2    | .5    | .5     | .1      |         |         |         |         |         |         |      | 1.4   | 6.8                   |
| SE                      | .5    | .8    | .3     | .1      |         |         |         |         |         |         |      | 1.6   | 5.2                   |
| SSE                     | .4    | 1.2   | .4     | .1      | .0      | .0      |         |         |         |         |      | 2.1   | 5.9                   |
| S                       | .7    | 4.6   | 2.3    | .4      | .2      | .1      | .1      |         |         |         |      | 8.4   | 6.8                   |
| SSW                     | .6    | 3.0   | 2.0    | 1.4     | 1.0     | .6      | .0      |         |         |         |      | 8.6   | 10.0                  |
| SW                      | 1.1   | 2.7   | 3.8    | 4.6     | 3.0     | 1.2     | .1      |         |         |         |      | 16.4  | 12.1                  |
| WSW                     | .4    | 1.3   | 3.2    | 4.4     | 1.8     | .4      | .1      |         |         |         |      | 11.5  | 12.0                  |
| W                       | .4    | 1.1   | 2.0    | 3.1     | 2.0     | 1.0     | .1      | .0      |         |         |      | 9.9   | 13.6                  |
| WNW                     | .4    | 1.2   | 1.8    | 3.1     | 3.1     | 2.4     | .5      | .1      |         |         |      | 12.6  | 15.0                  |
| NW                      | .6    | 1.4   | 1.1    | 1.0     | .7      | .5      | .0      | .0      |         |         |      | 5.5   | 10.8                  |
| NNW                     | .4    | 1.1   | .7     | .3      | .1      | .1      |         |         |         |         |      | 2.7   | 7.6                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 7.5   |                       |
|                         | 7.3   | 23.0  | 21.8   | 20.7    | 12.3    | 6.3     | .9      | .2      |         |         |      | 100.1 | 10.2                  |

TOTAL NUMBER OF OBSERVATIONS

9474



DATA PROCESSING BRANCH  
BTAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23132  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .4    | 1.5   | 1.1    | .2      | .1      |         |         |         |         |         |      | 3.2   | 6.4                   |
| NNE                     | .4    | 1.0   | .7     | .3      | .0      | .0      | .0      |         |         |         |      | 2.8   | 7.1                   |
| NE                      | .3    | .7    | .7     | .3      | .0      | .0      | .0      |         |         |         |      | 2.1   | 7.3                   |
| ENE                     | .2    | .4    | .3     | .2      | .0      | .0      |         |         |         |         |      | 1.3   | 8.1                   |
| E                       | .2    | .4    | .3     | .2      | .0      |         |         |         |         |         |      | 1.1   | 7.1                   |
| ESE                     | .2    | .4    | .2     | .0      |         |         |         |         |         |         |      | .8    | 5.0                   |
| SE                      | .3    | .6    | .2     | .0      |         |         |         |         |         |         |      | 1.1   | 4.7                   |
| SSE                     | .2    | 1.1   | .4     | .0      |         | .0      |         |         |         |         |      | 1.7   | 5.5                   |
| S                       | 1.0   | 4.4   | 3.2    | .5      | .1      | .0      | .0      |         |         |         |      | 9.2   | 6.6                   |
| SSW                     | .6    | 3.4   | 3.6    | 2.7     | 1.8     | .6      | .1      | .0      |         |         |      | 12.7  | 12.8                  |
| SW                      | .7    | 2.2   | 4.5    | 6.6     | 4.0     | 1.8     | .2      | .0      |         |         |      | 20.7  | 13.2                  |
| WSW                     | .3    | 1.0   | 3.4    | 4.7     | 2.2     | .6      | .1      |         |         |         |      | 12.2  | 12.7                  |
| W                       | .3    | .8    | 2.6    | 3.1     | 1.7     | .7      | .1      |         |         |         |      | 9.2   | 13.1                  |
| WNW                     | .2    | .9    | 1.5    | 3.2     | 2.7     | 1.9     | .3      | .0      |         |         |      | 10.8  | 15.7                  |
| NW                      | .4    | .9    | .9     | .7      | .5      | .2      | .1      | .0      |         |         |      | 3.7   | 10.8                  |
| NNW                     | .2    | .8    | .6     | .1      | .1      | .0      |         |         |         |         |      | 1.0   | 7.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 6.8   |                       |
|                         | 5.9   | 20.4  | 24.3   | 22.8    | 13.3    | 6.0     | .8      | .1      |         |         |      | 100.7 | 12.5                  |

TOTAL NUMBER OF OBSERVATIONS

9155



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

DAY  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .3    | .9    | .7     | .1      | .0      |         |         |         |         |         |      | 2.0   | 6.5                   |
| NNE                    | .3    | .7    | .6     | .1      | .0      |         |         |         |         |         |      | 1.9   | 6.4                   |
| NE                     | .4    | .6    | .4     | .1      | .0      |         |         |         |         |         |      | 1.4   | 6.2                   |
| ENE                    | .1    | .4    | .4     | .2      | .0      | .0      |         |         |         |         |      | 1.2   | 7.4                   |
| E                      | .2    | .4    | .2     | .1      |         |         |         |         |         |         |      | .3    | 5.8                   |
| ESE                    | .2    | .4    | .1     | .0      |         | .0      |         |         |         |         |      | .2    | 5.3                   |
| SE                     | .2    | .0    | .2     |         | .0      |         |         |         |         |         |      | .0    | 5.1                   |
| SSE                    | .2    | .7    | .5     | .0      | .0      |         |         |         |         |         |      | 1.5   | 5.9                   |
| S                      | .8    | 3.7   | 3.6    | .7      | .3      | .1      |         |         |         |         |      | 9.1   | 7.3                   |
| SSW                    | .2    | 2.7   | 4.3    | 3.6     | 2.2     | .8      | .0      |         |         |         |      | 14.1  | 11.5                  |
| SW                     | .7    | 2.5   | 5.9    | 8.3     | 5.8     | 1.7     | .1      |         |         |         |      | 25.0  | 13.3                  |
| WSW                    | .1    | 1.0   | 3.2    | 6.1     | 3.1     | .7      |         |         |         |         |      | 14.3  | 13.4                  |
| W                      | .3    | .9    | 2.1    | 2.6     | 1.2     | .4      | .1      |         |         |         |      | 7.5   | 12.4                  |
| WNW                    | .2    | .7    | 1.8    | 2.9     | 2.2     | 1.3     | .3      | .0      |         |         |      | 9.3   | 15.2                  |
| NW                     | .3    | .8    | 1.0    | .8      | .6      | .3      | .0      |         |         |         |      | 3.0   | 11.2                  |
| NNW                    | .2    | .6    | .4     | .2      | .0      |         |         |         |         |         |      | 1.4   | 6.2                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 4.2   |                       |
|                        | 5.0   | 17.5  | 25.4   | 25.9    | 15.4    | 5.4     | .5      | .0      |         |         |      | 100.1 | 11.1                  |

TOTAL NUMBER OF OBSERVATIONS

9526



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

83182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .4    | .8    | .9     | .1      |         | .0      |         |         |         |         |      | 2.1   | 6.4                   |
| NNE                     | .3    | .7    | .3     | .1      | .0      | .0      |         |         |         |         |      | 1.4   | 6.4                   |
| NE                      | .4    | .8    | .4     | .2      |         |         |         |         |         |         |      | 1.4   | 6.1                   |
| ENE                     | .1    | .4    | .3     | .1      | .0      |         |         |         |         |         |      | .9    | 6.0                   |
| E                       | .2    | .6    | .1     | .0      |         |         |         |         |         |         |      | 1.4   | 5.2                   |
| ESE                     | .2    | .4    | .1     | .0      |         |         |         |         |         |         |      | .7    | 5.2                   |
| SE                      | .3    | .6    | .2     | .0      |         |         |         |         |         |         |      | 1.1   | 4.8                   |
| SSE                     | .4    | .9    | .4     | .0      |         |         |         |         |         |         |      | 1.7   | 5.4                   |
| S                       | 1.0   | 3.4   | 6.9    | 1.0     | .2      | .0      |         |         |         |         |      | 10.5  | 7.4                   |
| SSW                     | .4    | 2.7   | 5.0    | 3.9     | 2.2     | .8      | .0      |         |         |         |      | 15.1  | 11.3                  |
| SW                      | .7    | 2.6   | 6.2    | 9.9     | 5.5     | 2.7     | .1      | .0      |         |         |      | 27.7  | 13.5                  |
| WSW                     | .2    | .8    | 2.6    | 2.4     | 2.9     | 1.0     | .1      |         |         |         |      | 12.9  | 13.9                  |
| W                       | .2    | .7    | 1.7    | 2.7     | 1.0     | .3      | .1      | .0      |         |         |      | 6.7   | 12.6                  |
| WNW                     | .2    | .8    | 1.3    | 2.0     | 1.3     | .7      | .1      | .0      |         |         |      | 6.8   | 13.7                  |
| NW                      | .3    | .7    | .9     | 1.0     | .4      | .4      | .0      |         |         |         |      | 3.6   | 11.8                  |
| NNW                     | .2    | .7    | .4     | .1      | .0      | .0      |         |         |         |         |      | 1.5   | 6.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 4.7   |                       |
|                         | 5.6   | 17.4  | 25.8   | 26.5    | 13.6    | 5.9     | .4      | .0      |         |         |      | 100.0 | 12.3                  |

TOTAL NUMBER OF OBSERVATIONS

8934



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

29182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

ALL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .5    | .8    | .5     | .1      |         |         |         |         |         |         |      | 1.0   | 5.4                   |
| NNE                     | .4    | .8    | .3     | .0      |         |         |         |         |         |         |      | 1.5   | 5.1                   |
| NE                      | .5    | .9    | .3     |         |         |         | .0      |         |         |         |      | 1.7   | 5.1                   |
| ENE                     | .2    | .5    | .2     |         |         |         |         |         |         |         |      | .9    | 4.9                   |
| E                       | .3    | .6    | .1     |         |         |         |         |         |         |         |      | 1.1   | 4.7                   |
| ESE                     | .2    | .3    | .1     | .0      |         |         |         |         |         |         |      | .6    | 3.1                   |
| SE                      | .5    | .8    | .3     | .1      |         | .0      |         |         |         |         |      | 1.5   | 5.2                   |
| SSE                     | .3    | .9    | .5     | .1      |         |         | .0      |         |         |         |      | 1.8   | 5.8                   |
| S                       | 1.0   | 4.5   | 4.4    | .8      | .1      | .0      |         |         |         |         |      | 10.0  | 6.9                   |
| SSW                     | .2    | 3.1   | 3.5    | 3.1     | 1.1     | .5      | .0      |         |         |         |      | 13.7  | 10.0                  |
| SW                      | .8    | 3.4   | 7.9    | 10.2    | 4.6     | 1.3     | .0      | .0      |         |         |      | 28.2  | 12.2                  |
| WSW                     | .2    | 1.1   | 3.0    | 6.2     | 3.6     | .9      | .0      |         |         |         |      | 15.1  | 13.6                  |
| W                       | .3    | .7    | 1.9    | 1.9     | .7      | .1      | .0      |         |         |         |      | 5.8   | 11.3                  |
| WNW                     | .3    | .7    | 1.2    | 1.3     | .7      | .4      | .1      | .0      |         |         |      | 4.3   | 12.1                  |
| NW                      | .3    | .6    | .8     | .4      | .1      | .1      | .0      |         |         |         |      | 2.3   | 8.9                   |
| NNW                     | .3    | .6    | .5     | .1      | .0      | .0      |         |         |         |         |      | 1.3   | 6.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 6.9   |                       |
|                         | 6.6   | 20.4  | 27.4   | 24.3    | 10.9    | 3.3     | .2      | .0      |         |         |      | 100.0 | 9.7                   |

TOTAL NUMBER OF OBSERVATIONS 9235



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

22182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

ALL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .5    | 1.3   | .7     | .1      | .0      | .0      |         |         |         |         |      | 2.4   | 5.9                   |
| NNE                     | .4    | 1.0   | .5     | .1      | .0      |         |         |         |         |         |      | 1.9   | 5.6                   |
| NE                      | .6    | 1.0   | .5     | .0      |         |         |         |         |         |         |      | 2.1   | 5.1                   |
| ENE                     | .4    | .8    | .2     | .0      | .0      |         |         |         |         |         |      | 1.4   | 5.7                   |
| E                       | .5    | .7    | .2     | .0      |         |         |         |         |         |         |      | 1.4   | 4.7                   |
| ESE                     | .3    | .5    | .2     | .0      | .0      |         | .0      |         |         |         |      | 1.7   | 5.3                   |
| SE                      | .4    | .9    | .3     | .0      | .0      |         |         |         |         |         |      | 1.7   | 5.2                   |
| SSE                     | .4    | 1.2   | .6     | .0      |         | .0      |         |         |         |         |      | 2.3   | 5.7                   |
| S                       | 1.3   | 5.3   | 3.9    | .4      | .0      |         |         |         |         |         |      | 11.4  | 6.2                   |
| SSW                     | .8    | 3.2   | 4.4    | 2.2     | 1.2     | .2      | .0      |         |         |         |      | 12.7  | 9.5                   |
| SW                      | 1.1   | 3.5   | 7.1    | 8.1     | 3.6     | 1.0     | .0      | .0      |         |         |      | 24.3  | 11.6                  |
| WSW                     | .2    | 1.1   | 3.5    | 7.6     | 3.0     | .6      | .0      |         |         |         |      | 16.7  | 13.1                  |
| W                       | .4    | .9    | 1.9    | 2.2     | .6      | .1      |         |         |         |         |      | 6.3   | 10.6                  |
| WNW                     | .1    | .7    | 1.3    | .6      | .3      | .2      | .0      |         |         |         |      | 3.3   | 10.3                  |
| NW                      | .3    | .7    | .8     | .2      | .1      | .1      | .0      |         |         |         |      | 2.2   | 7.9                   |
| NNW                     | .2    | .6    | .5     | .0      |         | .0      |         |         |         |         |      | 1.3   | 6.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 8.5   |                       |
|                         | 8.2   | 23.7  | 26.6   | 21.6    | 8.8     | 2.3     | .1      | .0      |         |         |      | 100.7 | 8.7                   |

TOTAL NUMBER OF OBSERVATIONS

7550



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 1.1   | 2.1   | 1.3    | .2      |         |         |         |         |         |         |      | 4.1   | 5.6                   |
| NNE                    | .6    | 1.7   | .7     | .3      |         |         |         |         |         |         |      | 3.3   | 5.9                   |
| NE                     | .8    | 1.3   | .9     | .3      | .1      |         |         |         |         |         |      | 3.3   | 6.2                   |
| ENE                    | .3    | .7    | .4     | .2      | .1      |         |         |         |         |         |      | 1.4   | 7.1                   |
| E                      | .6    | .7    | .3     | .1      |         |         |         |         |         |         |      | 1.0   | 5.4                   |
| ESE                    | .3    | .7    | .2     | .1      |         |         |         |         |         |         |      | 1.2   | 5.4                   |
| SE                     | .8    | 1.0   | .3     | .0      |         |         |         |         |         |         |      | 2.1   | 4.7                   |
| SSE                    | .6    | 2.0   | .6     | .1      |         |         |         |         |         |         |      | 3.2   | 5.2                   |
| S                      | 1.8   | 6.4   | 3.4    | .4      | .1      |         |         |         |         |         |      | 12.2  | 5.9                   |
| SSW                    | .9    | 3.7   | 2.8    | 1.9     | .9      | .2      | .0      |         |         |         |      | 10.4  | 8.9                   |
| SW                     | 1.4   | 4.0   | 5.3    | 5.9     | 2.4     | .8      | .1      |         |         |         |      | 19.4  | 10.8                  |
| WSW                    | .3    | 1.2   | 2.3    | 4.4     | 1.7     | .3      | .0      |         |         |         |      | 10.2  | 12.3                  |
| W                      | .4    | .9    | 1.5    | 1.5     | .5      | .1      | .0      |         |         |         |      | 5.0   | 10.2                  |
| WNW                    | .3    | .8    | 1.1    | 1.0     | .4      | .2      | .0      |         |         |         |      | 3.3   | 10.8                  |
| NW                     | .9    | .9    | 1.1    | .3      | .1      | .1      |         |         |         |         |      | 3.1   | 7.5                   |
| NNW                    | .4    | 1.2   | .6     | .1      |         |         |         |         |         |         |      | 2.2   | 5.7                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 12.1  |                       |
|                        | 11.3  | 29.4  | 22.7   | 16.6    | 6.2     | 1.7     | .1      |         |         |         |      | 100.0 | 7.5                   |

TOTAL NUMBER OF OBSERVATIONS

1897



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

CT  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %    | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N                       | 1.3   | 2.9   | 1.5    | .1      | .1      | .0      |         |         |         |         |      | 5.9  | 5.7                   |
| NNE                     | .6    | 1.5   | .8     | .3      | .1      | .0      | .0      |         |         |         |      | 3.2  | 6.7                   |
| NE                      | .7    | 1.2   | .6     | .5      | .1      | .0      |         |         |         |         |      | 3.4  | 7.1                   |
| ENE                     | .3    | .5    | .6     | .9      | .1      | .0      |         |         |         |         |      | 2.4  | 8.5                   |
| E                       | .6    | 1.0   | .9     | .3      | .1      |         |         |         |         |         |      | 2.7  | 6.7                   |
| ESE                     | .2    | .6    | .4     | .1      | .0      |         |         |         |         |         |      | 1.4  | 6.6                   |
| SE                      | .3    | 1.4   | .6     | .1      | .0      |         |         |         |         |         |      | 2.4  | 5.6                   |
| SSE                     | .4    | 1.3   | .7     | .0      | .0      |         |         |         |         |         |      | 2.3  | 5.6                   |
| S                       | 1.9   | 7.1   | 3.5    | .3      | .0      |         |         |         |         |         |      | 12.7 | 5.7                   |
| SSW                     | 1.0   | 4.2   | 2.6    | 1.6     | .6      | .3      | .0      |         |         |         |      | 10.3 | 8.2                   |
| SW                      | 1.7   | 3.9   | 3.7    | 4.4     | 1.5     | .5      | .0      |         |         |         |      | 15.7 | 9.9                   |
| WSW                     | .4    | 1.2   | 1.7    | 2.5     | .9      | .2      | .0      |         |         |         |      | 6.9  | 11.2                  |
| W                       | .6    | 1.0   | 1.2    | 1.1     | .4      | .1      | .0      |         |         |         |      | 4.4  | 8.5                   |
| WNW                     | .5    | 1.0   | 1.2    | 1.6     | 1.0     | .5      | .1      | .0      |         |         |      | 5.9  | 12.4                  |
| NW                      | .6    | 1.7   | .8     | .6      | .3      | .3      | .0      |         |         |         |      | 4.3  | 8.8                   |
| NNW                     | .7    | 1.4   | .7     | .2      | .0      | .0      |         |         |         |         |      | 3.1  | 5.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 12.5 |                       |
|                         | 11.8  | 32.0  | 22.0   | 14.2    | 5.2     | 1.9     | .3      | .0      |         |         |      | 100. | 7.2                   |

TOTAL NUMBER OF OBSERVATIONS

8672

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

NY  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 1.6   | 2.5   | 1.1    | .1      | .0      |         |         |         |         |         |      | 5.2   | 5.2                   |
| NNE                    | .5    | 1.0   | .8     | .3      | .1      |         |         |         |         |         |      | 2.7   | 6.7                   |
| NE                     | .8    | 1.0   | .9     | .6      | .1      | .0      |         |         |         |         |      | 3.4   | 7.3                   |
| ENE                    | .2    | .6    | .9     | .8      | .2      | .0      |         |         |         |         |      | 2.7   | 9.4                   |
| E                      | .3    | .6    | .9     | .7      | .2      | .1      |         |         |         |         |      | 2.6   | 9.3                   |
| ESE                    | .2    | .3    | .9     | .3      | .1      | .0      |         |         |         |         |      | 1.7   | 9.2                   |
| SE                     | .4    | .8    | .5     | .0      |         |         |         |         |         |         |      | 1.7   | 5.5                   |
| SSE                    | .4    | 1.1   | .6     | .0      | .0      |         |         |         |         |         |      | 2.2   | 5.6                   |
| S                      | 1.9   | 5.7   | 2.7    | .2      | .1      | .0      |         |         |         |         |      | 10.2  | 5.7                   |
| SSW                    | 1.4   | 4.6   | 2.0    | 1.1     | .6      | .3      | .0      |         |         |         |      | 10.1  | 7.4                   |
| SW                     | 2.3   | 4.2   | 2.6    | 2.8     | 1.4     | .6      | .0      |         |         |         |      | 14.6  | 9.0                   |
| WSW                    | .6    | 1.4   | 1.9    | 2.0     | .7      | .1      |         | .0      |         |         |      | 6.2   | 10.1                  |
| W                      | .7    | 1.2   | 1.2    | 1.4     | .7      | .3      | .0      |         |         |         |      | 5.6   | 10.6                  |
| WNW                    | .4    | 1.1   | 1.3    | 1.7     | 1.8     | .9      | .1      | .0      |         |         |      | 7.2   | 13.7                  |
| NW                     | 1.1   | 1.8   | .9     | .5      | .4      | .3      | .0      |         |         |         |      | 5.1   | 8.4                   |
| NNW                    | .6    | 1.4   | .7     | .2      |         |         |         |         |         |         |      | 2.0   | 5.6                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 14.6  |                       |
|                        | 13.4  | 30.3  | 19.7   | 12.6    | 6.4     | 2.7     | .2      | .0      |         |         |      | 100.0 | 7.1                   |

TOTAL NUMBER OF OBSERVATIONS

9267



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

FC  
MONTH

ALL WEATHER  
CLASS

LLL  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 1.5   | 2.3   | .9     | .2      | .0      | .0      |         |         |         |         |      | 5.7   | 5.2                   |
| NNE                    | .6    | 1.1   | 1.0    | .3      | .1      | .0      |         |         |         |         |      | 3.1   | 7.1                   |
| NE                     | .5    | 1.0   | .7     | .4      | .2      | .0      |         |         |         |         |      | 2.7   | 7.8                   |
| ENE                    | .2    | .5    | .8     | .6      | .3      | .0      |         | .0      |         |         |      | 2.5   | 9.8                   |
| E                      | .2    | .6    | .9     | .6      | .2      | .1      |         |         |         |         |      | 2.6   | 9.4                   |
| ESE                    | .2    | .4    | .6     | .2      | .1      | .0      |         |         |         |         |      | 1.7   | 8.4                   |
| SE                     | .5    | .8    | .3     | .2      | .0      | .0      |         |         |         |         |      | 1.9   | 6.3                   |
| SSE                    | .4    | 1.2   | .4     | .0      | .0      |         |         |         |         |         |      | 2.0   | 5.3                   |
| S                      | 1.5   | 4.9   | 2.4    | .2      | .1      | .0      | .1      |         |         |         |      | 9.1   | 5.9                   |
| SSW                    | 1.1   | 4.8   | 1.9    | .8      | .4      | .2      |         |         |         |         |      | 9.2   | 7.0                   |
| SW                     | 2.0   | 4.3   | 2.2    | 2.2     | 1.4     | 1.0     | .1      |         |         |         |      | 13.7  | 9.6                   |
| WSW                    | .6    | 1.3   | 1.4    | 1.4     | .8      | .2      | .0      |         |         |         |      | 5.8   | 12.4                  |
| W                      | .9    | 1.5   | 1.3    | 1.5     | .9      | .5      | .2      | .0      |         |         |      | 6.0   | 11.2                  |
| WNW                    | .6    | 1.4   | 1.4    | 1.8     | 1.2     | 1.0     | .2      | .0      |         |         |      | 7.5   | 12.8                  |
| NW                     | 1.2   | 2.3   | 1.4    | 1.0     | .5      | .2      | .1      |         |         |         |      | 6.2   | 8.4                   |
| NNW                    | .8    | 1.7   | .7     | .1      | .1      | .0      |         |         |         |         |      | 3.4   | 5.9                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 16.4  |                       |
|                        | 13.0  | 30.1  | 18.7   | 11.5    | 6.3     | 3.4     | .6      | .1      |         |         |      | 100.0 | 7.1                   |

TOTAL NUMBER OF OBSERVATIONS

2565

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .4    | .7    | .4     | .1      | .1      |         |         |         |         |         |      | 1.7   | 6.6                   |
| NNE                    | .2    | .3    | .5     | .3      |         |         | .1      |         |         |         |      | 1.3   | 8.9                   |
| NE                     |       | .2    | .4     | .1      |         |         |         |         |         |         |      | .7    | 7.8                   |
| ENE                    | .1    | .3    | .3     | .5      |         |         |         |         |         |         |      | 1.2   | 9.1                   |
| E                      | .5    | .4    | 1.0    | .3      | .1      |         |         |         |         |         |      | 2.3   | 7.7                   |
| ESE                    | .1    | .3    | .6     | .4      |         |         |         |         |         |         |      | 1.5   | 8.4                   |
| SE                     | .3    | 1.9   | .3     |         |         |         |         |         |         |         |      | 2.5   | 5.1                   |
| SSE                    | .6    | .8    | 1.2    | .1      |         |         |         |         |         |         |      | 2.7   | 6.0                   |
| S                      | 1.7   | 9.7   | 4.1    | .4      | .1      | .1      | .1      | .1      |         |         |      | 16.3  | 6.2                   |
| SSW                    | 1.7   | 7.5   | 2.0    | 1.2     | .4      | .4      |         |         |         |         |      | 13.7  | 7.1                   |
| SW                     | 3.9   | 7.3   | 3.6    | 3.1     | .9      | .3      |         |         |         |         |      | 18.9  | 7.5                   |
| WSW                    | .6    | 2.1   | 1.6    | 2.1     | .6      | .1      |         |         |         |         |      | 7.1   | 9.3                   |
| W                      | 1.1   | 2.1   | 2.2    | 1.2     | .4      | .1      | .2      |         |         |         |      | 7.4   | 8.7                   |
| WNW                    | .6    | 1.9   | 1.5    | 1.5     | .6      | .2      |         |         |         |         |      | 6.3   | 9.7                   |
| NW                     | .3    | 1.5   | 2.1    | .2      |         | .1      |         |         |         |         |      | 4.1   | 7.4                   |
| NNW                    | .1    | .7    | .5     | .1      |         |         |         |         |         |         |      | 1.4   | 6.6                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 11.7  |                       |
|                        | 12.1  | 37.7  | 22.5   | 11.6    | 3.2     | 1.2     | .3      | .1      |         |         |      | 100.7 | 6.7                   |

TOTAL NUMBER OF OBSERVATIONS 1167



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23192  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

081  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .2    | .3    | .7     | .3      |         |         |         |         |         |         |      | 1.4   | 7.5                   |
| NNE                     |       | .2    | .6     | .3      |         | .1      |         |         |         |         |      | 1.1   | 10.2                  |
| NE                      |       | .4    | .5     |         |         |         |         |         |         |         |      | .7    | 7.7                   |
| ENE                     | .2    | .1    | .5     | .1      |         |         |         |         |         |         |      | .7    | 7.3                   |
| E                       | .2    | .9    | .9     | .3      | .2      |         |         |         |         |         |      | 2.4   | 8.4                   |
| ESE                     | .1    | .3    | .4     | .2      | .2      |         |         |         |         |         |      | 1.4   | 8.0                   |
| SE                      | .6    | .9    | .4     |         |         |         |         |         |         |         |      | 2.4   | 8.0                   |
| SSE                     | .5    | 1.1   | .9     |         |         |         |         |         |         |         |      | 2.4   | 5.6                   |
| S                       | 2.1   | 9.9   | 3.7    | .3      | .1      |         |         |         |         |         |      | 16.1  | 5.7                   |
| SSW                     | 1.7   | 8.4   | 3.2    | .8      | .7      | .3      |         |         |         |         |      | 15.0  | 6.8                   |
| SW                      | 4.4   | 4.9   | 3.7    | 3.4     | 1.4     | .3      | .2      |         |         |         |      | 18.3  | 8.4                   |
| WSW                     | .8    | 2.0   | 1.7    | 2.0     | .3      |         |         |         |         |         |      | 6.9   | 8.7                   |
| W                       | 1.2   | 2.0   | 1.6    | 1.6     | .5      | .3      |         |         |         |         |      | 7.3   | 9.1                   |
| WNW                     | .9    | 2.6   | 1.2    | .6      | .8      | .4      | .1      | .1      |         |         |      | 6.7   | 9.4                   |
| NW                      | .4    | .5    | 1.5    | .1      | .1      |         |         |         |         |         |      | 2.6   | 7.0                   |
| NNW                     | .2    | 1.0   | .2     |         |         |         |         |         |         |         |      | 1.5   | 5.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 12.9  |                       |
|                         | 13.5  | 36.0  | 21.7   | 10.0    | 4.2     | 1.5     | .3      | .1      |         |         |      | 100.0 | 6.4                   |

TOTAL NUMBER OF OBSERVATIONS

1172

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0600-0200  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .4    | .3    | .3     | .1      |         |         |         |         |         |         |      | 1.7   | 5.5                   |
| NNE                    | .1    | .3    | .5     |         |         |         |         |         |         |         |      | .8    | 6.3                   |
| NE                     | .3    | .3    | .3     |         |         |         |         |         |         |         |      | 1.7   | 8.4                   |
| ENE                    | .2    | .1    | .6     | .3      |         |         |         |         |         |         |      | 1.2   | 8.9                   |
| E                      | .3    | .7    | .6     | .4      |         |         |         |         |         |         |      | 2.7   | 7.4                   |
| ESE                    | .3    | .6    | .7     |         | .1      |         |         |         |         |         |      | 1.7   | 6.7                   |
| SE                     | 1.0   | 1.6   | .4     |         |         |         |         |         |         |         |      | 3.1   | 4.5                   |
| SSE                    | .2    | 1.1   | .7     | .1      |         |         |         |         |         |         |      | 2.1   | 5.8                   |
| S                      | 2.4   | 3.1   | 2.8    | .3      |         |         |         |         |         |         |      | 13.4  | 5.3                   |
| SSW                    | 1.8   | 4.7   | 1.4    | 1.1     | .4      | .1      |         |         |         |         |      | 9.4   | 6.8                   |
| SW                     | 3.0   | 4.0   | 2.4    | 2.9     | 1.6     | .4      |         |         |         |         |      | 15.1  | 8.7                   |
| WSW                    | .8    | 2.3   | 2.0    | 2.1     | .2      |         |         |         |         |         |      | 7.3   | 8.5                   |
| W                      | 1.5   | 2.1   | 1.0    | 1.9     | .5      | .1      |         | .1      |         |         |      | 7.2   | 8.6                   |
| WNW                    | 1.2   | 2.5   | 1.3    | 1.2     | .6      | .3      |         |         |         |         |      | 7.1   | 8.7                   |
| NW                     | 1.2   | 2.3   | 1.1    | .3      |         |         |         |         |         |         |      | 5.0   | 5.4                   |
| NNW                    | .3    | .8    | .4     |         |         |         |         |         |         |         |      | 1.6   | 5.2                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 19.1  |                       |
|                        | 15.2  | 33.4  | 16.6   | 10.6    | 3.4     | .9      |         | .1      |         |         |      | 100.7 | 3.3                   |

TOTAL NUMBER OF OBSERVATIONS

1177

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 3.0   | 5.9   | 2.3    | .3      |         |         |         |         |         |         |      | 11.4  | 4.3                   |
| NNE                     | .9    | 1.5   | .7     | .3      |         |         |         |         |         |         |      | 3.5   | 5.6                   |
| NE                      | .3    | .9    | .6     | .3      | .2      | .2      |         |         |         |         |      | 2.6   | 5.5                   |
| ENE                     | .3    | .3    | .2     | 1.3     | .6      | .2      |         |         |         |         |      | 3.7   | 12.1                  |
| E                       | .9    | .4    |        | .8      | .5      | .1      |         |         |         |         |      | 2.6   | 9.6                   |
| ESE                     | .1    | .4    | .1     | .3      |         |         |         |         |         |         |      | .9    | 7.4                   |
| SE                      | .3    | .8    |        |         |         |         |         |         |         |         |      | 1.2   | 4.1                   |
| SSE                     | .4    | .5    | .2     |         |         |         |         |         |         |         |      | 1.1   | 4.3                   |
| S                       | .4    | .8    | .3     | .3      | .4      | .2      |         |         |         |         |      | 2.4   | 10.1                  |
| SSW                     |       | .4    | .3     | .9      | 1.3     | .3      |         |         |         |         |      | 3.2   | 15.0                  |
| SW                      | .3    | .8    | 1.0    | 2.8     | 2.0     | 1.4     |         |         |         |         |      | 8.3   | 14.4                  |
| WSW                     | .2    | .3    | 1.1    | 2.6     | 1.1     | .1      |         | .1      |         |         |      | 5.5   | 13.3                  |
| W                       | .3    | .9    | .3     | 1.6     | .6      | .1      |         |         |         |         |      | 2.9   | 11.4                  |
| WNW                     | .9    | 2.0   | .8     | 2.1     | 1.7     | .8      | .1      |         |         |         |      | 8.2   | 12.4                  |
| NW                      | 1.6   | 5.8   | 2.1    | .8      | .6      | .2      | .2      |         |         |         |      | 11.2  | 7.3                   |
| NNW                     | 3.1   | 4.1   | 2.2    | .1      | .1      | .1      |         |         |         |         |      | 9.7   | 5.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 21.1  |                       |
|                         | 13.2  | 25.4  | 12.2   | 14.8    | 9.1     | 3.4     | .3      | .1      |         |         |      | 100.0 | 7.3                   |

TOTAL NUMBER OF OBSERVATIONS

1170

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

ALL WEATHER  
CLASS

120-140  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 2.6   | 4.1   | 3.1    | .6      | .1      |         |         |         |         |         |      | 10.1  | 6.1                   |
| NNE                    | .7    | 2.7   | 1.7    | 1.2     | .2      |         |         |         |         |         |      | 6.4   | 7.5                   |
| NE                     | 1.6   | 1.5   | 1.9    | 2.5     | .3      | .3      |         |         |         |         |      | 8.1   | 4.1                   |
| ENE                    | .3    | .8    | 1.2    | 2.5     | .8      | .3      |         |         |         |         |      | 6.1   | 12.3                  |
| E                      | .4    | .5    | .8     | 1.3     | .3      |         |         |         |         |         |      | 3.4   | 10.6                  |
| ESE                    | .3    |       | .4     | .2      | .1      |         |         |         |         |         |      | 1.7   | 4.1                   |
| SE                     | .4    | .2    |        | .1      |         |         |         |         |         |         |      | .7    | 4.3                   |
| SSE                    | .1    | .1    | .1     |         |         |         |         |         |         |         |      | .3    | 5.2                   |
| S                      | .4    | .3    | .1     | .4      | .3      |         | .1      |         |         |         |      | 1.1   | 10.5                  |
| SSW                    | .1    | .7    | .3     | .8      | 1.4     | .5      |         |         |         |         |      | 3.2   | 14.0                  |
| SW                     | .2    | .1    | .3     | 3.1     | 3.8     | 1.1     |         | .2      |         |         |      | 8.1   | 16.9                  |
| WSW                    | .2    | .2    | .7     | 2.3     | 1.5     | .3      |         |         |         |         |      | 5.2   | 14.3                  |
| W                      | .3    | .5    | .5     | 1.1     | .4      | .3      | .1      |         |         |         |      | 3.1   | 12.1                  |
| WNW                    | .3    | 1.9   | 1.7    | 2.7     | 1.8     | 1.4     | .2      |         |         |         |      | 10.1  | 13.5                  |
| NW                     | 1.2   | 2.4   | 1.9    | 1.7     | 1.0     | 1.0     | .1      |         |         |         |      | 9.3   | 11.3                  |
| NNW                    | .9    | 2.0   | 2.5    | .3      | .2      | .2      |         |         |         |         |      | 7.1   | 7.1                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 14.1  |                       |
|                        | 10.2  | 18.9  | 17.1   | 20.8    | 12.4    | 5.5     | .4      | .2      |         |         |      | 100.1 | 9.3                   |

TOTAL NUMBER OF OBSERVATIONS 132



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1800-1700  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %    | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N                       | 2.1   | 4.4   | 2.9    | .3      | .2      |         |         |         |         |         |      | 9.3  | 6.7                   |
| NNE                     | 1.1   | 2.1   | 2.9    | .9      | .3      |         |         |         |         |         |      | 7.2  | 7.3                   |
| NE                      | .5    | 2.4   | 1.6    | .6      |         |         |         |         |         |         |      | 5.1  | 7.5                   |
| ENE                     | .3    | .4    | 2.6    | 2.1     | 1.0     |         |         |         |         |         |      | 6.1  | 11.1                  |
| E                       | .4    | .6    | 2.1    | 1.7     | .4      | .1      |         |         |         |         |      | 5.4  | 12.3                  |
| ESE                     | .2    | .2    | .5     | .2      | .1      |         |         |         |         |         |      | 1.7  | 7.2                   |
| SE                      | .6    | .4    | .2     |         |         |         |         |         |         |         |      | 1.2  | 3.9                   |
| SSE                     | .3    | .3    | .1     | .1      |         |         |         |         |         |         |      | .7   | 5.1                   |
| S                       | .3    | .1    | .2     | .1      | .4      |         |         |         |         |         |      | 1.1  | 10.2                  |
| SSW                     |       | .1    | .9     | .9      | 1.4     | .5      | .3      |         |         |         |      | 4.2  | 16.4                  |
| SW                      | .1    | .9    | 1.9    | 4.1     | 2.8     | .5      | .1      |         |         |         |      | 10.3 | 14.7                  |
| WSW                     | .2    | .3    | 1.7    | 2.4     | 1.1     | .4      |         |         |         |         |      | 6.2  | 13.2                  |
| W                       | .3    | .7    | 1.0    | 2.4     | .7      | .1      |         |         |         |         |      | 5.2  | 11.7                  |
| WNW                     | .3    | 1.6   | 1.6    | 3.2     | 3.1     | 1.0     | .3      |         |         |         |      | 11.1 | 14.1                  |
| NW                      | .2    | 1.4   | 1.2    | 1.4     | .6      | .7      | .1      |         |         |         |      | 5.5  | 12.3                  |
| NNW                     | 1.3   | 1.9   | 1.2    | .4      |         | .1      | .1      |         |         |         |      | 5.7  | 5.5                   |
| VARRL                   |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 13.7 |                       |
|                         | 5.3   | 16.1  | 22.6   | 20.7    | 12.1    | 3.4     | .9      |         |         |         |      | 100. | 9.2                   |

TOTAL NUMBER OF OBSERVATIONS 117



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

29182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .4    | .9    | .4     |         | .1      |         |         |         |         |         |      | 1.9   | 5.6                   |
| NNE                     | .2    | .6    | .4     | .1      |         |         |         |         |         |         |      | 1.3   | 6.3                   |
| NE                      | .1    | 1.0   | .8     |         |         |         |         |         |         |         |      | 1.9   | 6.2                   |
| ENE                     |       | 1.4   | 1.2    | .4      |         |         |         |         |         |         |      | 3.0   | 7.8                   |
| E                       | .3    | 1.2   | 1.9    | 1.1     | .1      |         |         |         |         |         |      | 4.6   | 8.2                   |
| ESE                     | .2    | .9    | 1.2    | .6      | .1      |         |         |         |         |         |      | 3.0   | 8.0                   |
| SE                      | .3    | 1.8   | .5     |         |         |         |         |         |         |         |      | 2.6   | 8.4                   |
| SSE                     | .7    | 2.0   | .4     |         |         |         |         |         |         |         |      | 3.1   | 4.0                   |
| S                       | .9    | 7.3   | 4.3    | .6      |         | .1      |         |         |         |         |      | 13.2  | 6.4                   |
| SSW                     | 1.6   | 4.7   | 3.2    | 1.2     | .7      | .1      |         |         |         |         |      | 11.7  | 7.4                   |
| SW                      | 1.6   | 5.4   | 3.9    | 4.6     | 1.9     | .4      | .1      |         |         |         |      | 17.9  | 9.6                   |
| WSW                     | .6    | 2.6   | 3.0    | 2.8     | .5      |         |         |         |         |         |      | 9.5   | 9.2                   |
| W                       | .3    | 1.3   | 2.7    | 1.7     | .3      | .2      |         |         |         |         |      | 6.5   | 9.9                   |
| WNW                     | .1    | .9    | 2.0    | 2.3     | .3      | .6      |         |         |         |         |      | 6.5   | 11.4                  |
| NW                      | .3    | 1.4   | .9     | .8      | .3      | .4      |         |         |         |         |      | 4.1   | 10.0                  |
| NNW                     | .4    | .9    | .1     | .3      |         |         |         |         |         |         |      | 1.7   | 5.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 7.7   |                       |
|                         | 4.3   | 34.3  | 26.9   | 16.7    | 4.3     | 1.8     | .1      |         |         |         |      | 100.0 | 7.6                   |

TOTAL NUMBER OF OBSERVATIONS 1175



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .5    | .7    | .2     | .1      |         |         |         |         |         |         |      | 1.5   | 5.1                   |
| NNE                    | .1    |       | .4     | .3      |         |         |         |         |         |         |      | .9    | 9.3                   |
| NE                     | .1    | .9    | .4     | .1      |         |         |         |         |         |         |      | 1.5   | 6.2                   |
| ENE                    |       | .3    | .7     | .3      | .1      |         |         |         |         |         |      | 1.5   | 9.2                   |
| E                      | .4    | .3    | .9     | .9      |         |         |         |         |         |         |      | 2.7   | 9.0                   |
| ESE                    | .2    | .2    | .7     | .9      | .1      |         |         |         |         |         |      | 2.0   | 10.1                  |
| SE                     | .3    | .9    | .5     | .2      |         |         |         |         |         |         |      | 2.1   | 6.0                   |
| SSE                    | .7    | 1.4   | 1.1    | .1      |         |         |         |         |         |         |      | 3.3   | 8.8                   |
| S                      | 1.8   | 8.3   | 4.2    | .2      | .1      | .1      |         |         |         |         |      | 14.7  | 5.0                   |
| SSW                    | 1.2   | 7.0   | 3.3    | .7      | .5      | .3      | .1      |         |         |         |      | 13.1  | 7.0                   |
| SW                     | 2.0   | 5.3   | 2.9    | 2.9     | .6      | .5      |         |         |         |         |      | 14.2  | 8.4                   |
| WSW                    | 1.5   | 2.6   | 2.7    | 2.6     | .6      | .2      |         |         |         |         |      | 10.1  | 8.4                   |
| W                      | .9    | 1.7   | 2.1    | 2.2     | .4      | .1      |         |         |         |         |      | 7.8   | 9.1                   |
| WNW                    | .9    | 2.9   | 1.8    | 1.8     | .3      | .3      |         |         |         |         |      | 8.0   | 8.5                   |
| NW                     | .7    | 2.1   | .9     | .4      | .3      | .3      |         |         |         |         |      | 4.7   | 8.1                   |
| NNW                    | .4    | .8    | .5     |         |         |         |         |         |         |         |      | 1.7   | 8.3                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 10.7  |                       |
|                        | 12.0  | 35.6  | 23.3   | 13.7    | 2.9     | 1.7     | .1      |         |         |         |      | 100.0 | 5.9                   |

TOTAL NUMBER OF OBSERVATIONS 1167



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .3    | .6    | .1     |         |         |         |         |         |         |         |      | .9    | 4.3                   |
| NNE                    | .2    | .1    | .2     |         |         |         |         |         |         |         |      | .5    | 5.7                   |
| NE                     | .3    | .2    | .2     | .1      |         |         |         |         |         |         |      | .6    | 5.6                   |
| ENE                    | .1    | .3    | .2     | .1      |         |         |         |         |         |         |      | .7    | 5.6                   |
| E                      | .1    | .3    | .5     | .3      | .1      |         |         |         |         |         |      | 1.2   | 5.7                   |
| ESE                    | .2    | .6    | .8     | .3      | .1      |         |         |         |         |         |      | 2.0   | 5.1                   |
| SE                     | .3    | 1.2   | 1.2    |         |         |         |         |         |         |         |      | 2.7   | 6.2                   |
| SSE                    | .2    | 1.0   | 1.0    | .1      |         |         |         |         |         |         |      | 2.4   | 5.4                   |
| S                      | 1.7   | 9.3   | 8.2    | .5      |         |         |         |         |         |         |      | 19.7  | 6.2                   |
| SSW                    | 1.3   | 9.4   | 4.1    | 1.0     | .1      |         |         |         |         |         |      | 16.1  | 6.3                   |
| SW                     | 3.1   | 6.3   | 4.1    | 3.3     | 1.0     | .5      |         |         |         |         |      | 18.3  | 8.0                   |
| WSW                    | .3    | 1.7   | 2.8    | 1.6     | .7      | .2      |         |         |         |         |      | 7.4   | 9.7                   |
| W                      | .8    | 1.4   | 2.2    | 1.4     | .5      | .3      | .1      |         |         |         |      | 6.7   | 9.7                   |
| WNW                    | .4    | 2.1   | 1.1    | 2.0     | .8      | .7      | .1      |         |         |         |      | 7.2   | 11.2                  |
| NW                     | .8    | 1.1   | 1.0    | .4      | .2      |         |         |         |         |         |      | 3.4   | 6.8                   |
| NNW                    | .2    | .5    | .4     |         |         |         |         |         |         |         |      | 1.0   | 5.5                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 9.1   |                       |
|                        | 10.5  | 36.1  | 28.2   | 11.0    | 3.5     | 1.6     | .2      |         |         |         |      | 100.0 | 6.2                   |

TOTAL NUMBER OF OBSERVATIONS

1061

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

03 0-0500  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .4    | .6    | .1     |         |         |         |         |         |         |         |      | 1.3   | 4.2                   |
| NNE                     | .3    | .3    |        |         |         |         |         |         |         |         |      | .6    | 4.5                   |
| NE                      | .1    | .3    | .2     |         |         |         |         |         |         |         |      | .4    | 6.3                   |
| ENE                     | .1    | .4    | .2     |         |         |         |         |         |         |         |      | .7    | 5.1                   |
| E                       | .2    | .4    | .4     | .6      |         |         |         |         |         |         |      | 1.6   | 3.8                   |
| ESE                     | .3    | .6    | .6     | .2      |         |         |         |         |         |         |      | 1.6   | 6.6                   |
| SE                      | .7    | 1.9   | .8     | .3      | .1      |         |         |         |         |         |      | 3.7   | 5.1                   |
| SSE                     | .2    | 2.6   | 1.1    |         |         |         |         |         |         |         |      | 4.0   | 5.6                   |
| S                       | 2.2   | 10.2  | 4.6    | .1      | .2      |         |         |         |         |         |      | 17.2  | 5.7                   |
| SSW                     | 1.3   | 8.2   | 2.5    | 1.0     | .3      | .5      |         |         |         |         |      | 13.8  | 7.1                   |
| SW                      | 4.0   | 8.4   | 3.3    | 2.5     | .7      | .9      | .1      |         |         |         |      | 19.3  | 7.6                   |
| WSW                     | 1.1   | 2.8   | 1.5    | 1.8     | .3      | .2      |         |         |         |         |      | 7.7   | 3.0                   |
| W                       | .8    | 2.0   | 1.6    | 1.5     | .8      | .3      | .1      |         |         |         |      | 7.1   | 15.1                  |
| WNW                     | .6    | 2.2   | .9     | 1.2     | .8      | .3      | .1      |         |         |         |      | 6.1   | 12.2                  |
| NW                      | .4    | 1.4   | .8     | .7      | .1      |         |         |         |         |         |      | 3.4   | 7.6                   |
| NNW                     | .4    | .7    | .2     |         |         |         |         |         |         |         |      | 1.3   | 4.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 9.7   |                       |
|                         | 12.6  | 43.0  | 18.8   | 9.9     | 3.3     | 2.2     | .3      |         |         |         |      | 100.0 | 6.6                   |

TOTAL NUMBER OF OBSERVATIONS

1002



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

FFB  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .5    | .5    | .4     |         |         |         |         |         |         |         |      | 1.3   | 4.3                   |
| NNE                     | .1    | .4    | .3     |         |         |         |         |         |         |         |      | .8    | 5.6                   |
| NE                      | .4    | .6    | .1     | .1      |         |         |         |         |         |         |      | 1.1   | 5.2                   |
| ENE                     | .2    | .1    | .3     |         |         |         |         |         |         |         |      | .6    | 5.5                   |
| E                       | .5    | .4    | .3     | .8      |         |         |         |         |         |         |      | 1.4   | 4.8                   |
| ESE                     | .4    | .2    | .2     | .2      | .1      |         |         |         |         |         |      | 1.7   | 7.8                   |
| SE                      | .7    | 1.3   | .5     | .1      | .1      |         |         |         |         |         |      | 2.6   | 5.9                   |
| SSE                     | .8    | 2.4   | 1.2    | .1      |         |         |         |         |         |         |      | 4.3   | 5.3                   |
| S                       | 1.6   | 8.4   | 3.0    | .4      |         |         |         |         |         |         |      | 13.4  | 5.5                   |
| SSW                     | 1.4   | 5.0   | 1.6    | .8      | .6      | .6      |         |         |         |         |      | 9.9   | 7.6                   |
| SW                      | 2.8   | 5.2   | 3.2    | 2.4     | 1.1     | .5      | .1      |         |         |         |      | 15.3  | 8.5                   |
| WSW                     | .8    | .8    | 2.3    | 1.0     | .4      | .1      |         |         |         |         |      | 5.4   | 9.2                   |
| W                       | .8    | 2.2   | 1.4    | 1.5     | .5      | .4      | .3      | .1      |         |         |      | 7.1   | 10.3                  |
| WNW                     | .7    | 2.2   | 1.8    | 1.7     | .7      | .5      |         |         |         |         |      | 7.4   | 9.9                   |
| NW                      | 1.9   | 2.3   | 1.0    | .3      | .1      |         |         |         |         |         |      | 5.6   | 5.3                   |
| NNW                     | .9    | 1.3   | .3     | .1      |         |         |         |         |         |         |      | 2.3   | 4.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 19.8  |                       |
|                         | 14.0  | 33.0  | 17.8   | 9.4     | 3.5     | 2.0     | .4      | .1      |         |         |      | 100.0 | 6.7                   |

TOTAL NUMBER OF OBSERVATIONS 1063



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 3.1   | 4.6   | 2.6    | .3      | .1      |         |         |         |         |         |      | 10.7  | 5.5                   |
| NNE                     | 1.5   | 1.4   | 1.2    | .4      |         |         |         |         |         |         |      | 4.8   | 5.3                   |
| NE                      | 1.0   | 1.2   | .9     | .5      | .3      |         |         |         |         |         |      | 4.6   | 7.5                   |
| ENE                     | .4    | .3    | 1.0    | 1.3     | .4      | .3      |         |         |         |         |      | 3.9   | 11.5                  |
| E                       | .3    | .5    | .3     | .8      | .7      | .3      |         |         |         |         |      | 2.0   | 12.6                  |
| ESE                     | .1    | .3    | .1     | .1      | .2      |         |         |         |         |         |      | .9    | 9.4                   |
| SE                      | .7    | .3    |        | .1      |         | .1      |         |         |         |         |      | 1.1   | 3.9                   |
| SSE                     | .4    | .6    | .1     | .2      | .1      |         |         |         |         |         |      | 1.2   | 6.7                   |
| S                       | .1    | .5    | .5     | .4      | .1      | .1      |         |         |         |         |      | 1.4   | 10.1                  |
| SSW                     | .4    | .4    | .7     | .8      | .8      | .4      |         |         |         |         |      | 2.4   | 12.5                  |
| SW                      | .7    | .7    | .9     | 3.2     | 1.7     | 1.0     | .1      |         |         |         |      | 8.3   | 14.0                  |
| WSW                     |       | .5    | 1.6    | 1.8     | .8      | .7      |         |         |         |         |      | 5.4   | 13.2                  |
| W                       | .5    | 1.1   | .7     | 2.1     | .2      | .4      | .4      |         |         |         |      | 5.3   | 12.0                  |
| WNW                     | .7    | 1.6   | 1.1    | 2.0     | 2.4     | 1.1     | .4      |         |         |         |      | 9.4   | 13.7                  |
| NW                      | 2.4   | 4.6   | 2.4    | 1.1     | .8      | .4      |         |         |         |         |      | 11.2  | 7.6                   |
| NNW                     | 1.2   | 2.2   | 2.0    | .2      |         |         |         |         |         |         |      | 6.9   | 5.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 19.1  |                       |
|                         | 3.6   | 21.8  | 16.1   | 15.4    | 8.5     | 4.7     | .8      |         |         |         |      | 100.0 | 7.1                   |

TOTAL NUMBER OF OBSERVATIONS

1262

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING FRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.3   | 3.0   | 2.9    | .6      | .1      |         |         |         |         |         |      | 10.9  | 6.0                   |
| NNE                     | .9    | 2.5   | 2.5    | 1.2     | .2      |         |         |         |         |         |      | 7.8   | 7.5                   |
| NE                      | .7    | 2.2   | 2.5    | 2.2     | .7      |         |         |         |         |         |      | 8.1   | 9.3                   |
| ENE                     | .6    | .8    | 1.6    | 2.4     | 1.0     | .3      |         |         |         |         |      | 6.5   | 11.6                  |
| E                       | .7    | .8    | .6     | 1.9     | .7      | .1      |         |         |         |         |      | 4.6   | 11.0                  |
| ESE                     | .3    | .5    | .2     | .2      |         |         |         |         |         |         |      | 1.1   | 6.9                   |
| SE                      | .3    | .5    |        | .1      |         |         |         |         |         |         |      | .7    | 5.2                   |
| SSE                     | .1    | .5    | .1     | .1      |         |         |         |         |         |         |      | .8    | 5.8                   |
| S                       |       | .4    | .1     | .4      | .4      | .2      |         |         |         |         |      | 1.4   | 13.4                  |
| SSW                     | .1    | .2    | .3     | 1.6     | 1.2     | .8      | .2      |         |         |         |      | 4.4   | 16.4                  |
| SW                      |       | .3    | .7     | 2.7     | 2.1     | 2.2     |         | .1      |         |         |      | 9.0   | 17.0                  |
| WSW                     | .1    | .2    | .7     | 4.2     | 1.6     | .6      | .1      |         |         |         |      | 7.4   | 15.2                  |
| W                       | .1    | .4    | .8     | 1.5     | 1.0     | .3      | .1      | .1      |         | .1      |      | 4.3   | 15.4                  |
| WNW                     | .2    | .9    | 1.0    | 2.3     | 2.7     | 2.5     | .4      | .1      |         |         |      | 10.1  | 16.8                  |
| NW                      | .8    | 2.3   | 1.5    | 1.1     | .5      | .2      | .1      |         |         |         |      | 6.8   | 9.2                   |
| NNW                     | .7    | 2.2   | 1.2    | .8      | .2      |         |         |         |         |         |      | 5.1   | 7.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 11.2  |                       |
|                         | 7.0   | 19.5  | 16.6   | 24.2    | 12.5    | 7.1     | .8      | .3      |         | .1      |      | 100.0 | 10.3                  |

TOTAL NUMBER OF OBSERVATIONS

1259



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

-E8

NORTH

ALL WEATHER  
CLASS

150-1700  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.4   | 3.3   | 2.4    | .8      | .1      | .1      |         |         |         |         |      | 8.4   | 6.7                   |
| NNE                     | .9    | 1.6   | 2.9    | 1.2     | .1      |         |         |         |         |         |      | 6.3   | 7.7                   |
| NE                      | 1.1   | 1.5   | 2.0    | 1.0     | .5      |         |         |         |         |         |      | 6.1   | 8.3                   |
| ENE                     | .5    | 1.6   | 2.1    | 2.2     | .6      | .1      |         |         |         |         |      | 7.2   | 9.7                   |
| E                       | .6    | .7    | 1.8    | 1.5     | .5      | .1      |         |         |         |         |      | 5.1   | 10.0                  |
| ESE                     | .2    | .6    | .3     | .3      |         |         |         |         |         |         |      | 1.3   | 7.1                   |
| SE                      | .1    | .3    | .2     | .3      |         |         |         |         |         |         |      | .5    | 7.4                   |
| SSE                     |       | .3    | .4     | .1      | .1      | .1      |         |         |         |         |      | .3    | 9.8                   |
| S                       | .2    | .3    | .3     | .6      | .1      | .2      |         |         |         |         |      | 1.7   | 11.7                  |
| SSW                     | .1    | .4    | .9     | 1.4     | .7      | .3      |         |         |         |         |      | 3.7   | 13.3                  |
| SW                      | .3    | .5    | 1.9    | 5.7     | 3.7     | 1.0     | .1      |         |         |         |      | 13.1  | 14.8                  |
| WSW                     | .1    | .4    | 1.6    | 5.1     | 1.6     | .3      | .1      |         |         |         |      | 9.2   | 13.5                  |
| W                       | .2    | .3    | 1.0    | 1.5     | .9      | 1.0     | .1      |         |         |         |      | 5.7   | 14.8                  |
| WNW                     | .2    | 1.0   | .6     | 3.5     | 3.6     | 3.0     | .9      | .1      |         |         |      | 12.9  | 17.6                  |
| NW                      | .8    | 1.2   | 1.2    | 1.2     | 1.0     | .7      |         |         |         |         |      | 6.1   | 11.5                  |
| NNW                     | .8    | 1.6   | 1.0    | .4      |         |         |         |         |         |         |      | 3.2   | 5.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 5.3   |                       |
|                         | 7.4   | 15.5  | 20.5   | 26.7    | 13.3    | 7.0     | 1.1     | .1      |         |         |      | 100.0 | 10.9                  |

TOTAL NUMBER OF OBSERVATIONS 1050



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

16 0-2000  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | .9    | .9     | .1      |         |         |         |         |         |         |      | 2.7   | 5.6                   |
| NNE                     | .4    | .5    | .2     |         |         |         |         |         |         |         |      | 1.7   | 4.7                   |
| NE                      | .4    | .9    | .5     | .2      | .1      |         |         |         |         |         |      | 2.1   | 6.5                   |
| ENE                     | .2    | .9    | 1.1    | .4      | .1      |         |         |         |         |         |      | 2.4   | 8.3                   |
| E                       | .1    | .8    | 2.1    | .2      |         |         |         |         |         |         |      | 3.1   | 8.7                   |
| ESE                     | .2    | .9    | 1.8    | .2      |         |         |         |         |         |         |      | 3.7   | 7.2                   |
| SE                      | .2    | 1.1   | .9     | .1      |         |         |         |         |         |         |      | 2.3   | 6.3                   |
| SSE                     | .3    | .9    | .5     | .2      |         |         |         |         |         |         |      | 1.9   | 6.3                   |
| S                       | 1.4   | 3.9   | 3.2    | .2      |         |         |         |         |         |         |      | 9.7   | 6.0                   |
| SSW                     | .7    | 3.9   | 4.1    | 1.9     | .4      |         |         |         |         |         |      | 10.9  | 8.1                   |
| SW                      | .7    | 3.6   | 5.7    | 4.5     | 2.0     | .5      |         |         |         |         |      | 16.9  | 10.6                  |
| WSW                     | .7    | 2.6   | 3.3    | 2.6     | .3      |         | .1      |         |         |         |      | 10.0  | 9.1                   |
| W                       | .3    | 1.0   | 3.1    | 3.0     | .9      | .4      |         |         |         |         |      | 8.8   | 11.5                  |
| WNW                     | .5    | 1.1   | 2.3    | 5.4     | 2.0     | 1.0     | .2      |         |         |         |      | 12.5  | 12.3                  |
| NW                      | .6    | 1.2   | 1.9    | .9      | .4      |         |         |         |         |         |      | 5.7   | 8.8                   |
| NNW                     | .2    | 1.0   | .8     | .3      |         |         |         |         |         |         |      | 2.3   | 6.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 6.7   |                       |
|                         | 7.0   | 25.0  | 32.7   | 20.2    | 6.1     | 1.9     | .3      |         |         |         |      | 100.7 | 8.4                   |

TOTAL NUMBER OF OBSERVATIONS

1051

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

21-2300  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | .9    | .2     |         |         |         |         |         |         |         |      | 1.3   | 4.5                   |
| NNE                     |       | .6    | .5     |         |         |         |         |         |         |         |      | 1.1   | 4.5                   |
| NE                      | .2    | .2    | .3     |         |         |         |         |         |         |         |      | .7    | 4.5                   |
| NNE                     | .2    | .3    | .3     | .1      |         |         |         |         |         |         |      | .7    | 6.3                   |
| E                       | .1    | .7    | .7     | .2      |         |         |         |         |         |         |      | 1.4   | 7.2                   |
| ESE                     | .2    | 1.2   | .9     |         |         |         |         |         |         |         |      | 2.3   | 5.9                   |
| SE                      | .6    | 1.3   | .7     | .1      |         |         |         |         |         |         |      | 2.7   | 5.2                   |
| SSE                     | .4    | 2.0   | 1.0    |         |         |         |         |         |         |         |      | 3.3   | 5.6                   |
| S                       | 1.5   | 9.1   | 5.0    | .3      | .1      |         |         |         |         |         |      | 14.1  | 6.1                   |
| SSW                     | 1.6   | 8.6   | 5.0    | .9      | .2      | .1      |         |         |         |         |      | 16.4  | 6.4                   |
| SW                      | 2.1   | 4.8   | 3.2    | 3.0     | 1.5     | .5      |         |         |         |         |      | 15.3  | 9.0                   |
| WSW                     | .9    | 1.8   | 2.8    | 2.3     | .7      | .2      |         |         |         |         |      | 9.4   | 9.6                   |
| W                       | .7    | 2.6   | 2.8    | 2.3     | 1.0     | .3      | .1      |         |         |         |      | 9.7   | 10.0                  |
| WNW                     | .7    | 1.9   | 1.7    | 2.2     | .8      | .4      | .1      |         |         |         |      | 7.7   | 10.7                  |
| NW                      | .3    | 1.4   | .7     | .5      | .1      |         |         |         |         |         |      | 3.2   | 7.2                   |
| NNW                     | .3    | .4    | .4     | .1      |         |         |         |         |         |         |      | 1.1   | 6.3                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 8.4   |                       |
|                         | 4.4   | 37.4  | 26.0   | 11.8    | 4.4     | 1.4     | .2      |         |         |         |      | 100.0 | 7.1                   |

TOTAL NUMBER OF OBSERVATIONS 1050



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AR  
MONTH

ALL WEATHER  
CLASS

000-0200  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | .4    |        |         |         |         |         |         |         |         |      | .4    | 4.1                   |
| NNE                     | .2    | .2    | .1     |         |         |         |         |         |         |         |      | .4    | 4.4                   |
| NE                      | .3    | .2    |        |         |         |         |         |         |         |         |      | .4    | 3.6                   |
| ENE                     |       | .3    | .2     |         |         |         |         |         |         |         |      | .4    | 6.4                   |
| E                       | .1    | .4    | .3     | .4      |         |         |         |         |         |         |      | 1.2   | 3.2                   |
| ESE                     | .2    | .3    | .2     | .2      |         |         |         |         |         |         |      | .1    | 7.2                   |
| SE                      | .8    | 1.1   | .7     | .1      |         |         |         |         |         |         |      | 2.6   | 5.4                   |
| SSE                     | .3    | 2.7   | 1.1    | .2      |         |         |         |         |         |         |      | 4.2   | 6.2                   |
| S                       | 1.0   | 9.7   | 5.1    | .4      |         |         |         |         |         |         |      | 16.2  | 6.2                   |
| SSW                     | 1.0   | 6.7   | 3.7    | .7      | .6      | .2      |         |         |         |         |      | 12.3  | 7.2                   |
| SW                      | 1.3   | 5.1   | 6.2    | 5.0     | 1.7     | .3      | .1      |         |         |         |      | 19.7  | 9.2                   |
| WSW                     | .6    | 1.6   | 4.6    | 4.0     | .8      | .2      |         |         |         |         |      | 11.7  | 10.2                  |
| W                       | .4    | 1.2   | 2.4    | 3.5     | 1.6     | .8      | .1      |         |         |         |      | 12.1  | 12.9                  |
| WNW                     | .1    | 1.1   | 1.8    | 2.2     | 1.6     | 1.2     |         |         |         |         |      | 7.9   | 13.6                  |
| NW                      | .5    | .9    | .8     | .4      | .2      |         |         |         |         |         |      | 2.9   | 7.5                   |
| NNW                     | .3    | .4    | .3     | .2      |         |         |         |         |         |         |      | 1.4   | 7.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 6.2   |                       |
|                         | 7.3   | 32.3  | 27.4   | 17.4    | 6.7     | 2.5     | .2      |         |         |         |      | 102.1 | 3.4                   |

TOTAL NUMBER OF OBSERVATIONS

1164



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

AP

MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .4    | .4    |        |         | .1      |         |         |         |         |         |      | .6    | 4.6                   |
| NNE                    |       | .2    |        | .1      |         |         |         |         |         |         |      | .3    | 7.0                   |
| NE                     | .2    | .3    |        | .1      | .1      |         |         |         |         |         |      | .4    | 7.1                   |
| ENE                    | .1    | .1    | .5     | .1      |         |         |         |         |         |         |      | .7    | 7.4                   |
| E                      | .3    | .3    | .4     | .1      |         |         |         |         |         |         |      | 1.0   | 6.9                   |
| ESE                    | .2    | .3    | .3     | .2      |         |         |         |         |         |         |      | .3    | 7.0                   |
| SE                     | .9    | 1.2   | .4     | .1      |         |         |         |         |         |         |      | 2.6   | 4.9                   |
| SSE                    | .2    | 1.8   | .5     | .1      |         |         |         |         |         |         |      | 2.3   | 5.5                   |
| S                      | 1.9   | 9.9   | 5.4    | .1      |         |         |         |         |         |         |      | 17.2  | 5.7                   |
| SSW                    | 1.6   | 6.2   | 2.7    | 1.2     | .3      | .3      |         |         |         |         |      | 12.2  | 6.9                   |
| SW                     | 2.5   | 6.0   | 6.7    | 3.2     | 1.5     | .3      | .1      |         |         |         |      | 25.4  | 8.7                   |
| WSW                    | .7    | 2.4   | 4.1    | 2.8     | .9      |         |         |         |         |         |      | 11.6  | 9.6                   |
| W                      | .8    | 1.8   | 2.4    | 2.4     | 2.0     | .9      |         |         |         |         |      | 10.7  | 12.2                  |
| WNW                    | .7    | 1.0   | 1.4    | 1.9     | 1.9     | 1.0     | .2      |         |         |         |      | 8.1   | 13.7                  |
| NW                     | .8    | .4    | .4     | .5      |         |         |         |         |         |         |      | 2.1   | 7.1                   |
| NNW                    | .1    | .2    | .2     | .3      |         |         |         |         |         |         |      | .3    | 9.2                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 7.9   |                       |
|                        | 11.6  | 32.3  | 25.5   | 13.1    | 6.8     | 2.5     | .3      |         |         |         |      | 100.0 | 7.0                   |

TOTAL NUMBER OF OBSERVATIONS

1146



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

APR

MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 32 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.8   | .9    | .3     | .1      |         |         |         |         |         |         |      | 3.7   | 3.9                   |
| NNE                     | .1    | .4    | .1     |         |         | .2      |         |         |         |         |      | .7    | 9.0                   |
| NE                      | .2    | .5    | .2     | .2      | .1      | .1      |         |         |         |         |      | 1.4   | 6.4                   |
| ENE                     | .1    | .1    | .2     | .2      |         |         |         |         |         |         |      | .7    | 9.8                   |
| E                       | .1    | .3    | .3     | .3      |         |         |         |         |         |         |      | 1.5   | 7.1                   |
| ESE                     | .2    | .6    | .6     | .2      |         |         |         |         |         |         |      | 1.4   | 6.5                   |
| SE                      | .8    | .9    | .3     | .1      |         |         |         |         |         |         |      | 2.1   | 4.9                   |
| SSE                     | .6    | 1.9   | .2     |         |         |         |         |         |         |         |      | 2.7   | 4.9                   |
| S                       | 1.2   | 7.5   | 2.4    | .3      |         | .2      |         |         |         |         |      | 11.4  | 9.9                   |
| SSW                     | 1.1   | 4.4   | 1.4    | .9      | .3      | .3      |         |         |         |         |      | 8.4   | 7.3                   |
| SW                      | 2.2   | 3.7   | 3.4    | 3.7     | 1.9     | .5      |         |         |         |         |      | 15.8  | 9.8                   |
| WSW                     | .4    | .8    | 2.7    | 2.6     | 1.0     |         |         |         |         |         |      | 7.5   | 10.9                  |
| W                       | .7    | 1.3   | 1.4    | 3.3     | 1.8     | .3      | .1      |         |         |         |      | 9.1   | 12.1                  |
| WNW                     | .4    | .8    | 2.2    | 3.0     | 2.0     | .7      | .2      |         |         |         |      | 9.3   | 13.3                  |
| NW                      | 1.4   | 1.9   | 1.0    | .8      | .3      | .1      | .1      |         |         |         |      | 3.6   | 7.3                   |
| NNW                     | .7    | .9    | .6     | .3      | .2      |         |         |         |         |         |      | 2.4   | 7.1                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 16.7  |                       |
|                         | 12.1  | 27.5  | 17.5   | 16.2    | 7.6     | 2.3     | .3      |         |         |         |      | 100.7 | 7.4                   |

TOTAL NUMBER OF OBSERVATIONS 11.9



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AR  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 1.9   | 5.5   | 2.4    | .5      | .1      |         |         |         |         |         |      | 17.6  | 5.7                   |
| NNE                    | .4    | 2.2   | 1.6    | .3      | .2      | .1      |         | .2      |         |         |      | 8.7   | 8.1                   |
| NE                     | .8    | 1.3   | 1.1    | 1.4     | .3      | .1      |         |         |         |         |      | 4.0   | 8.6                   |
| ENE                    | .3    | .7    | .7     | 1.0     | .3      | .1      |         |         |         |         |      | 3.1   | 12.5                  |
| E                      | .2    | .3    | .6     | .6      | .2      |         |         |         |         |         |      | 1.5   | 9.7                   |
| ESE                    | .4    | .6    | .2     | .1      |         |         |         |         |         |         |      | 1.3   | 5.1                   |
| SE                     | .3    | .5    | .2     | .1      |         |         |         |         |         |         |      | 1.0   | 5.3                   |
| SSE                    | .1    | .8    |        |         |         |         |         |         |         |         |      | .1    | 4.5                   |
| S                      |       | .6    | .2     | .2      | .2      | .1      | .3      |         |         |         |      | 1.4   | 13.1                  |
| SSW                    |       | .3    | .4     | .8      | 1.1     | .3      |         |         |         |         |      | 3.4   | 16.6                  |
| SW                     | .2    | .6    | 1.2    | 4.0     | 4.1     | 1.3     | .3      |         |         |         |      | 12.7  | 16.1                  |
| WSW                    | .3    | .8    | .8     | 2.4     | 2.3     | .4      |         |         |         |         |      | 7.2   | 13.7                  |
| W                      | .4    | .8    | 1.3    | 2.2     | 1.6     | .8      |         |         |         |         |      | 7.2   | 13.4                  |
| WNW                    | .6    | 1.1   | 2.5    | 3.5     | 4.1     | 3.0     | .4      | .2      |         |         |      | 15.3  | 15.8                  |
| NW                     | .8    | 3.4   | 1.4    | 1.4     | 1.1     | .5      |         |         |         |         |      | 8.7   | 9.7                   |
| NNW                    | 1.3   | 3.1   | 1.1    | .5      | .2      | .1      |         |         |         |         |      | 6.3   | 6.3                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CAIM                   |       |       |        |         |         |         |         |         |         |         |      | 10.1  |                       |
|                        | 8.0   | 22.6  | 15.7   | 18.9    | 15.7    | 7.9     | .9      | .3      |         |         |      | 100.0 | 10.4                  |

TOTAL NUMBER OF OBSERVATIONS 1142



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .3    | 3.2   | 2.3    | .4      | .2      |         |         |         |         |         |      | 6.4   | 7.1                   |
| NNE                    | .7    | 1.2   | 1.3    | 1.1     | .4      |         |         | .3      |         |         |      | 4.5   | 10.3                  |
| NE                     | .6    | 1.7   | 1.8    | 1.9     | .4      |         |         |         |         |         |      | 6.4   | 9.3                   |
| ENE                    | .2    | .8    | 1.1    | 1.3     | .2      |         |         |         |         |         |      | 3.4   | 9.6                   |
| E                      | .2    | .9    | 1.4    | .5      | .1      |         |         |         |         |         |      | 3.1   | 8.7                   |
| ESE                    | .1    | .6    | .5     | .5      |         |         |         |         |         |         |      | 1.7   | 8.1                   |
| SE                     | .3    | .3    | .1     |         |         |         |         |         |         |         |      | .5    | 4.1                   |
| SSE                    | .2    | .3    | .1     |         | .1      | .1      |         |         |         |         |      | .7    | 9.2                   |
| S                      | .1    | .4    | .3     | .4      | .4      | .3      | .1      |         |         |         |      | 2.2   | 14.7                  |
| SSW                    | .1    | .7    | .3     | 1.3     | 1.2     | 1.3     |         |         |         |         |      | 4.8   | 16.1                  |
| SW                     | .1    | .4    | .5     | 4.0     | 4.9     | 3.1     | .2      |         |         |         |      | 13.5  | 17.7                  |
| WSW                    | .1    | .5    | 1.4    | 5.0     | 3.1     | .7      | .2      |         |         |         |      | 10.8  | 14.9                  |
| W                      | .3    | .3    | 1.4    | 1.9     | 2.0     | 1.3     | .4      | .2      |         |         |      | 7.9   | 16.3                  |
| WNW                    | .4    | 1.3   | 1.1    | 3.0     | 2.6     | 3.2     | 1.7     | .3      |         |         |      | 15.3  | 17.7                  |
| NW                     | .4    | 1.5   | 1.9    | 1.2     | 1.3     | 1.5     |         |         |         |         |      | 7.9   | 13.2                  |
| NNW                    | .1    | 2.0   | 1.1    | .4      | .1      | .3      |         |         |         |         |      | 4.1   | 8.3                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 6.4   |                       |
|                        | 4.0   | 16.7  | 16.9   | 22.9    | 18.0    | 11.9    | 2.5     | .8      |         |         |      | 100.0 | 12.7                  |

TOTAL NUMBER OF OBSERVATIONS

117



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

APR

MONTH

ALL WEATHER  
CLASS

1576 (-170)  
HOURS (L & T)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .8    | 2.1   | 1.4    | .1      | .2      |         |         |         |         |         |      | 4.5   | 6.0                   |
| NNE                     | .3    | 1.2   | .9     | .9      | .2      | .2      | .1      |         |         |         |      | 3.7   | 10.0                  |
| NE                      | .4    | .6    | 1.9    | 1.4     | .3      |         |         |         |         |         |      | 4.4   | 10.0                  |
| ENE                     | .3    | .8    | 1.9    | 1.4     | .2      |         |         |         |         |         |      | 4.4   | 9.5                   |
| E                       | .1    | .3    | .8     | .3      |         |         |         |         |         |         |      | 1.4   | 2.4                   |
| ESE                     | .1    | .3    | .3     | .1      |         |         |         |         |         |         |      | .9    | 7.1                   |
| SE                      |       | .3    | .1     | .1      |         |         |         |         |         |         |      | .3    | 5.5                   |
| SSE                     |       |       | .1     | .1      |         |         |         |         |         |         |      | .1    | 11.0                  |
| S                       | .2    | .3    | .2     | .4      | .3      | .3      | .1      |         |         |         |      | 1.7   | 14.2                  |
| SSW                     |       | .3    | .3     | 2.0     | 2.0     | .8      | .1      |         |         |         |      | 5.4   | 16.4                  |
| SW                      | .1    | .4    | 1.1    | 6.2     | 4.8     | 2.0     | .2      |         |         |         |      | 14.7  | 16.2                  |
| WSW                     |       | .5    | 1.6    | 7.7     | 3.6     | .8      | .2      |         |         |         |      | 14.4  | 14.3                  |
| W                       | .3    | .2    | 1.4    | 2.2     | 2.7     | 2.1     | .3      | .1      |         |         |      | 9.2   | 17.0                  |
| WNW                     | .1    | .7    | 1.0    | 3.2     | 6.6     | 7.4     | 1.1     | .1      |         |         |      | 20.2  | 19.5                  |
| W                       | .2    | .9    | 1.2    | 1.4     | 2.6     | 1.4     | .2      | .1      |         |         |      | 7.9   | 15.4                  |
| NNW                     | .4    | .9    | 1.0    | .3      | .3      | .2      |         |         |         |         |      | 3.2   | 8.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 3.2   |                       |
|                         | 3.1   | 9.8   | 15.0   | 27.9    | 23.6    | 15.0    | 2.1     | .3      |         |         |      | 100.0 | 14.4                  |

TOTAL NUMBER OF OBSERVATIONS

1576



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23162  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

62  
MONTH

ALL WEATHER  
CLASS

1800-2300  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | .7    | .8     |         | .1      |         |         |         |         |         |      | 1.4   | 5.5                   |
| NNE                     | .1    | .4    | .2     |         |         |         |         |         |         |         |      | .7    | 5.9                   |
| NE                      | .2    | .6    | .7     | .4      |         |         |         |         |         |         |      | 1.4   | 7.4                   |
| ENE                     | .3    | .4    | 1.1    | .2      |         |         |         |         |         |         |      | 2.3   | 7.7                   |
| E                       |       | .3    | .7     |         |         |         |         |         |         |         |      | 1.4   | 7.4                   |
| ESE                     | .1    | .4    | 1.0    |         |         |         |         |         |         |         |      | 1.5   | 7.7                   |
| SE                      | .2    | .8    | .3     |         |         |         |         |         |         |         |      | 1.3   | 5.5                   |
| SSE                     | .2    | .6    | .2     | .2      | .2      |         |         |         |         |         |      | 1.3   | 2.1                   |
| S                       | .4    | 1.7   | 1.6    | .8      | .4      | .2      |         |         |         |         |      | 5.1   | 9.0                   |
| SSW                     | .1    | 1.6   | 3.2    | 2.7     | 1.4     | .3      |         |         |         |         |      | 9.5   | 11.2                  |
| SW                      | .4    | 2.1   | 5.8    | 6.0     | 2.4     | .8      | .2      |         |         |         |      | 17.7  | 12.0                  |
| WSW                     | .2    | 1.5   | 5.6    | 6.5     | 1.3     | .5      | .1      |         |         |         |      | 15.7  | 11.6                  |
| W                       | .2    | 1.3   | 3.1    | 6.0     | 2.2     | 1.0     | .1      |         |         |         |      | 13.9  | 13.2                  |
| WNW                     | .5    | 1.3   | 2.7    | 6.1     | 3.7     | 2.0     | .3      |         |         |         |      | 16.6  | 14.5                  |
| NW                      | .3    | .9    | 1.3    | 1.9     | .6      | .3      |         |         |         |         |      | 5.2   | 11.5                  |
| NNW                     | .5    | .6    | .7     | .2      |         | .1      |         |         |         |         |      | 2.0   | 7.2                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 2.4   |                       |
|                         | 3.8   | 15.7  | 28.8   | 31.2    | 12.2    | 5.4     | .6      |         |         |         |      | 100.0 | 11.4                  |

TOTAL NUMBER OF OBSERVATIONS 1171



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

1-12  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .3    | .7    |        | .1      |         |         |         |         |         |         |      | 1.1   | 4.5                   |
| NNE                    |       | .2    | .1     |         |         |         |         |         |         |         |      | .3    | 5.7                   |
| NE                     | .2    | .3    | .2     |         |         |         |         |         |         |         |      | .5    | 5.1                   |
| ENE                    |       | .3    | .2     |         |         |         |         |         |         |         |      | .5    | 6.0                   |
| E                      | .3    | .4    | .4     | .2      |         |         |         |         |         |         |      | 1.3   | 6.1                   |
| ESE                    | .3    | 1.2   | 1.1    |         |         |         |         |         |         |         |      | 2.6   | 6.4                   |
| SE                     | .5    | 1.2   | .7     |         |         |         |         |         |         |         |      | 2.4   | 5.3                   |
| SSE                    | 1.3   | 1.3   | .9     | .2      |         |         |         |         |         |         |      | 3.7   | 5.5                   |
| S                      | 1.0   | 7.1   | 3.4    | .7      | .2      |         |         |         |         |         |      | 12.3  | 6.4                   |
| SSW                    | .6    | 3.6   | 4.0    | 2.0     | 1.1     | .4      |         |         |         |         |      | 11.5  | 5.5                   |
| SW                     | 1.9   | 3.2   | 5.1    | 4.4     | 2.4     | .8      | .1      |         |         |         |      | 17.9  | 10.5                  |
| WSW                    | .9    | 2.5   | 5.0    | 4.0     | 1.0     | .7      | .1      |         |         |         |      | 14.0  | 10.6                  |
| W                      | .3    | 1.9   | 2.9    | 3.3     | 1.9     | .8      | .2      |         |         |         |      | 11.3  | 12.5                  |
| WNW                    | .3    | 1.0   | 1.7    | 2.1     | 1.3     | .6      | .3      |         |         |         |      | 8.0   | 12.4                  |
| NW                     | .7    | 1.1   | .9     | .8      |         | .1      |         |         |         |         |      | 3.8   | 7.7                   |
| NNW                    |       | .3    | .8     | .2      |         |         |         |         |         |         |      | 1.3   | 8.1                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 7.2   |                       |
|                        | 8.6   | 27.2  | 27.3   | 17.8    | 7.9     | 3.5     | .6      |         |         |         |      | 100.0 | 3.5                   |

TOTAL NUMBER OF OBSERVATIONS 1144



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEAR

APR  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | .1    | .3     |         |         |         |         |         |         |         |      | .4    | 7.4                   |
| NNE                     | .1    |       |        |         |         |         |         |         |         |         |      | .1    | 3.0                   |
| NE                      |       | .3    | .2     |         |         |         |         |         |         |         |      | .4    | 6.4                   |
| ENE                     |       | .1    | .1     |         |         |         |         |         |         |         |      | .2    | 7.5                   |
| E                       |       | .3    |        | .1      |         |         |         |         |         |         |      | .4    | 6.2                   |
| ESE                     | .1    | .4    | .1     |         |         |         |         |         |         |         |      | .6    | 5.1                   |
| SE                      | .7    | .6    | .5     |         |         |         |         |         |         |         |      | 1.7   | 5.0                   |
| SSE                     | .2    | 2.1   | 1.0    |         |         |         |         |         |         |         |      | 3.2   | 5.6                   |
| S                       | 1.1   | 9.6   | 8.7    | .3      | .1      |         |         |         |         |         |      | 19.7  | 6.6                   |
| SSW                     | 1.3   | 7.7   | 7.8    | 3.1     | 1.0     | .1      |         |         |         |         |      | 21.1  | 8.2                   |
| SW                      | .9    | 4.2   | 7.7    | 6.6     | 2.0     | .4      | .1      |         |         |         |      | 21.9  | 10.5                  |
| WSW                     | .2    | 1.3   | 4.0    | 2.8     | .8      | .1      |         |         |         |         |      | 9.1   | 10.6                  |
| W                       | .3    | .4    | 4.0    | 2.9     | 1.1     | .7      |         |         |         |         |      | 9.3   | 12.4                  |
| WNW                     | .1    | .3    | 1.3    | 1.7     | 1.3     | .3      |         |         |         |         |      | 5.0   | 13.7                  |
| NW                      | .2    | .3    | .4     | .3      |         |         |         |         |         |         |      | 1.1   | 8.1                   |
| NNW                     |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 5.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 5.1   |                       |
|                         | 5.1   | 27.9  | 36.1   | 17.6    | 6.3     | 1.7     | .1      |         |         |         |      | 100.0 | 8.7                   |

TOTAL NUMBER OF OBSERVATIONS 1151



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      |       | .1    | .1     |         |         |         |         |         |         |         |      | .2    | 8.0                   |
| NNE                    | .2    | .3    |        |         |         |         |         |         |         |         |      | .4    | 4.0                   |
| NE                     | .2    | .2    |        |         |         |         |         |         |         |         |      | .7    | 3.5                   |
| ENE                    | .1    | .3    |        |         |         |         |         |         |         |         |      | .7    | 4.2                   |
| E                      |       | .3    | .1     | .1      |         |         |         |         |         |         |      | .5    | 7.2                   |
| ESE                    |       | .3    | .3     | .1      |         |         |         |         |         |         |      | .7    | 7.2                   |
| SE                     | .3    | 1.7   | .3     |         |         |         |         |         |         |         |      | 2.3   | 5.2                   |
| SSE                    | .3    | 2.8   | .8     |         |         |         |         |         |         |         |      | 3.9   | 5.3                   |
| S                      | 2.4   | 12.8  | 7.5    | .5      |         |         |         |         |         |         |      | 23.2  | 6.0                   |
| SSW                    | 1.2   | 7.4   | 6.1    | 2.2     | 1.0     | .3      | .1      |         |         |         |      | 18.2  | 8.1                   |
| SW                     | 1.0   | 5.5   | 5.7    | 4.3     | .9      | .7      |         |         |         |         |      | 19.5  | 9.1                   |
| WSW                    | .3    | 1.5   | 4.0    | 3.4     | .6      | .2      |         |         |         |         |      | 10.0  | 10.4                  |
| W                      | .4    | .9    | 3.0    | 2.8     | 1.3     | .4      | .1      |         |         |         |      | 9.7   | 11.7                  |
| WNW                    | .3    | .4    | .7     | 2.0     | 1.1     | .7      | .2      |         |         |         |      | 5.4   | 14.6                  |
| NW                     | .2    | .3    | .3     | .1      |         |         |         |         |         |         |      | 1.1   | 6.5                   |
| NNW                    |       | .3    | .1     |         |         |         |         |         |         |         |      | .3    | 6.2                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 5.7   |                       |
|                        | 7.4   | 35.0  | 29.0   | 15.4    | 4.9     | 2.3     | .3      |         |         |         |      | 100.0 | 8.0                   |

TOTAL NUMBER OF OBSERVATIONS 1150



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0600-2800  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.0   | 1.0   | .3     |         | .1      |         |         |         |         |         |      | 2.4   | 4.9                   |
| NNE                     | .7    | .6    | .1     |         |         |         |         |         |         |         |      | 1.4   | 4.7                   |
| NE                      | .5    | 1.0   | .2     |         | .1      |         |         |         |         |         |      | 1.7   | 5.3                   |
| ENE                     | .3    | .2    | .1     |         |         |         |         |         |         |         |      | .6    | 4.6                   |
| E                       | .3    | .8    | .2     |         |         |         |         |         |         |         |      | 1.3   | 4.5                   |
| ESE                     | .2    | .8    | .3     | .1      |         |         |         |         |         |         |      | 1.3   | 5.9                   |
| SE                      | .7    | 1.3   | .3     |         |         |         |         |         |         |         |      | 2.3   | 4.4                   |
| SSE                     | .8    | 1.6   | .7     |         |         | .1      |         |         |         |         |      | 3.1   | 5.4                   |
| S                       | 2.4   | 6.2   | 2.4    | .2      | .1      |         |         |         |         |         |      | 11.3  | 5.4                   |
| SSW                     | 1.1   | 4.9   | 2.9    | 1.7     | 1.0     | .2      |         |         |         |         |      | 11.7  | 8.2                   |
| SW                      | 1.7   | 2.8   | 2.8    | 4.4     | 2.4     | .8      | .1      |         |         |         |      | 15.7  | 11.3                  |
| WSW                     | .4    | 1.0   | 2.3    | 2.8     | .8      | .2      |         |         |         |         |      | 7.5   | 10.9                  |
| W                       | .6    | 1.2   | 2.1    | 2.3     | 1.7     | .8      |         |         |         |         |      | 8.7   | 12.2                  |
| WNW                     | .4    | 1.6   | 1.7    | 2.3     | 2.2     | .7      |         |         |         |         |      | 8.9   | 12.8                  |
| NW                      | .7    | 1.5   | 1.0    | .5      | .4      |         |         |         |         |         |      | 4.1   | 8.2                   |
| NNW                     | .2    | 1.5   | .4     | .1      |         |         |         |         |         |         |      | 2.2   | 5.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.4  |                       |
|                         | 12.3  | 27.8  | 17.7   | 14.4    | 8.7     | 2.7     | .1      |         |         |         |      | 100.7 | 7.4                   |

TOTAL NUMBER OF OBSERVATIONS 1149



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0600-1100  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.2   | 5.5   | 3.0    | .3      | .1      |         |         |         |         |         |      | 1.0   | 6.0                   |
| NNE                     | 1.1   | 3.6   | 2.5    | .4      | .2      |         |         |         |         |         |      | 5.4   | 5.6                   |
| NE                      | 1.2   | 2.1   | 1.6    | .7      |         | .2      | .1      |         |         |         |      | 5.1   | 7.1                   |
| ENE                     | .4    | 1.0   | .7     | .5      | .1      |         |         |         |         |         |      | 2.7   | 7.6                   |
| E                       | .5    | .6    | .4     | .3      | .1      |         |         |         |         |         |      | 1.9   | 7.0                   |
| ESE                     | .3    | .1    | .3     |         |         |         |         |         |         |         |      | .7    | 6.0                   |
| SE                      | .3    | .2    |        |         |         |         |         |         |         |         |      | .5    | 3.2                   |
| SSE                     | .1    |       |        |         |         |         |         |         |         |         |      | .1    | 5.0                   |
| S                       | .3    | .5    | .3     | .5      | .1      | .2      |         |         |         |         |      | 1.7   | 10.3                  |
| SSW                     |       | .6    | .6     | 1.7     | 1.6     | .4      | .3      |         |         |         |      | 5.4   | 13.7                  |
| SW                      | .2    | .8    | 1.7    | 3.8     | 3.1     | 2.7     | .1      |         |         |         |      | 12.4  | 15.8                  |
| WSW                     | .3    | .6    | 1.9    | 3.8     | 1.8     | .6      | .1      |         |         |         |      | 9.2   | 13.3                  |
| W                       | .5    | .8    | 1.1    | 2.3     | 1.7     | .3      |         |         |         |         |      | 6.8   | 12.9                  |
| WNW                     |       | 1.4   | 1.6    | 3.6     | 3.3     | 2.0     | .2      | .1      |         |         |      | 12.1  | 15.5                  |
| NW                      | .8    | 2.4   | 1.7    | 1.9     | 1.0     | .1      |         |         |         |         |      | 8.7   | 9.6                   |
| NNW                     | .6    | 1.7   | 1.6    | .1      | .1      |         |         |         |         |         |      | 4.2   | 6.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 1.2   |                       |
|                         | 7.8   | 22.0  | 19.1   | 20.4    | 13.2    | 6.4     | .8      | .1      |         |         |      | 100.4 | 10.0                  |

TOTAL NUMBER OF OBSERVATIONS

1152



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .4    | 2.2   | 2.4    | 1.0     | .1      |         |         |         |         |         |      | 6.1   | 7.5                   |
| NNE                     | .8    | 1.8   | 1.9    | 1.0     | .1      |         | .1      |         |         |         |      | 5.7   | 7.0                   |
| NE                      | .4    | 1.2   | 1.9    | 1.3     |         | .2      |         |         |         |         |      | 5.1   | 8.7                   |
| ENE                     | .2    | 1.0   | 1.1    | 1.2     | .2      | .1      |         |         |         |         |      | 2.8   | 9.9                   |
| E                       | .7    | .6    | .8     | .3      |         |         |         |         |         |         |      | 2.4   | 6.8                   |
| ESE                     | .5    | .6    | .3     |         |         |         |         |         |         |         |      | 1.4   | 4.7                   |
| SE                      | .2    | .3    |        | .1      |         |         |         |         |         |         |      | .4    | 5.3                   |
| SSE                     | .2    | .5    |        |         |         |         |         |         |         |         |      | .7    | 4.0                   |
| S                       | .3    | .3    | .4     | .3      | .2      | .1      | .1      |         |         |         |      | 1.7   | 10.7                  |
| SSW                     | .2    | .4    | .4     | 1.7     | 1.7     | 1.9     | .2      |         |         |         |      | 6.4   | 17.3                  |
| SW                      | .1    | .4    | 1.1    | 6.5     | 6.8     | 3.7     | .6      |         |         |         |      | 19.2  | 17.4                  |
| WSW                     | .2    | .1    | 1.7    | 5.2     | 3.7     | 1.2     | .1      |         |         |         |      | 12.2  | 15.5                  |
| W                       | .2    | .5    | 1.7    | 2.0     | 1.3     | .8      | .3      |         |         |         |      | 4.4   | 14.1                  |
| WNW                     | .2    | .6    | 1.0    | 2.4     | 4.1     | 3.4     | .6      | .2      |         |         |      | 12.4  | 18.4                  |
| NW                      | .4    | 1.0   | 1.4    | 1.1     | 1.0     | .7      | .1      |         |         |         |      | 5.9   | 12.6                  |
| NNW                     | .3    | 1.7   | 1.3    | .3      | .1      | .1      |         |         |         |         |      | 3.8   | 7.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 5.4   |                       |
|                         | 5.2   | 13.4  | 17.6   | 24.6    | 19.3    | 12.1    | 2.0     | .2      |         |         |      | 100.0 | 12.8                  |

TOTAL NUMBER OF OBSERVATIONS 1145



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JPR  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

| SPEED<br>(KNOTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|--------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                        | .2    | 1.7   | 2.4    | .5      | .2      |         |         |         |         |         |      | 4.5   | 7.7                   |
| NNE                      | .2    | .8    | 1.3    | .9      | .1      | .1      |         |         |         |         |      | 3.5   | 9.5                   |
| NE                       | .2    | .4    | 1.7    | .3      |         |         |         |         |         |         |      | 2.5   | 7.9                   |
| ENE                      | .4    | .6    | .4     | .1      | .1      | .2      |         |         |         |         |      | 1.7   | 8.2                   |
| E                        |       | .3    | .3     | .3      | .3      |         |         |         |         |         |      | 1.5   | 17.5                  |
| ESE                      |       | .1    | .2     | .1      |         |         |         |         |         |         |      | .1    | 9.0                   |
| SE                       | .1    |       |        |         |         |         |         |         |         |         |      | .1    | 3.0                   |
| SSE                      |       | .1    | .1     | .1      |         |         |         |         |         |         |      | .2    | 8.7                   |
| S                        |       | .1    | .1     | .2      | .3      |         |         |         |         |         |      | .7    | 14.5                  |
| SSW                      | .2    | .1    | .5     | 3.2     | 3.3     | 1.6     | .2      | .1      |         |         |      | 9.2   | 17.4                  |
| SW                       | .1    | .1    | 1.0    | 9.3     | 9.3     | 3.8     | .2      | .1      |         |         |      | 23.5  | 17.2                  |
| WSW                      | .2    | .1    | 1.4    | 8.2     | 6.6     | 1.6     | .2      |         |         |         |      | 18.3  | 15.9                  |
| W                        |       | .3    | 1.0    | 3.7     | 2.4     | 1.2     | .3      |         |         |         |      | 8.3   | 16.4                  |
| WNW                      | .3    | .5    | .6     | 3.0     | 4.6     | 5.1     | 1.3     |         |         |         |      | 15.4  | 19.3                  |
| NW                       | .2    | .7    | .8     | .9      | .9      | 1.0     | .3      | .1      |         |         |      | 4.5   | 15.7                  |
| NNW                      | .4    | .6    | .7     | .3      | .3      |         |         |         |         |         |      | 2.2   | 8.0                   |
| VARBL                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                     |       |       |        |         |         |         |         |         |         |         |      | 2.3   |                       |
|                          | 2.4   | 6.5   | 12.5   | 30.8    | 28.3    | 14.5    | 2.5     | .3      |         |         |      | 100.1 | 15.3                  |

TOTAL NUMBER OF OBSERVATIONS 1143



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23162  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

102  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

| SPED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .1    | .9    | .6     |         |         |         |         |         |         |         |      | 1.4   | 5.7                   |
| NNE                    |       | .3    |        |         |         |         |         |         |         |         |      | .3    | 5.7                   |
| NE                     |       | .3    | .4     |         |         |         |         |         |         |         |      | .5    | 6.9                   |
| ENE                    | .1    | .2    | .3     | .1      |         |         |         |         |         |         |      | .8    | 6.9                   |
| E                      |       | .3    | .4     | .1      |         |         |         |         |         |         |      | .3    | 8.1                   |
| ESE                    | .2    | .2    |        |         |         |         |         |         |         |         |      | .4    | 8.8                   |
| SE                     | .1    | .2    |        |         |         |         |         |         |         |         |      | .3    | 4.3                   |
| SSE                    |       | .1    | .1     |         |         |         |         |         |         |         |      | .2    | 7.8                   |
| S                      | .3    | .6    | 1.0    | .9      | .3      |         |         |         |         |         |      | 3.1   | 9.8                   |
| SSW                    | .1    | .6    | 3.5    | 4.4     | 2.5     | .7      | .1      |         |         |         |      | 11.1  | 13.6                  |
| SW                     | .4    | 1.1   | 7.3    | 10.6    | 5.1     | 1.6     | .1      |         |         |         |      | 26.2  | 13.4                  |
| WSW                    | .4    | 1.5   | 5.4    | 6.4     | 2.1     | .8      |         |         |         |         |      | 16.3  | 11.9                  |
| W                      | .1    | .9    | 3.7    | 4.9     | 2.5     | .9      | .1      |         |         |         |      | 13.1  | 13.2                  |
| WNW                    | .4    | 1.1   | 2.5    | 7.4     | 4.2     | 2.6     | .2      |         |         |         |      | 18.3  | 15.0                  |
| NW                     | .6    | .7    | 1.2    | .2      | .6      |         | .1      |         |         |         |      | 3.4   | 9.3                   |
| NNW                    | .2    | .4    | .4     | .3      | .2      |         |         |         |         |         |      | 1.3   | 9.1                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 1.5   |                       |
|                        | 2.8   | 9.2   | 26.7   | 35.2    | 17.4    | 6.3     | .5      |         |         |         |      | 100.0 | 12.6                  |

TOTAL NUMBER OF OBSERVATIONS 1141



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/11AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

DR

MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      |       | .3    |        |         |         |         |         |         |         |         |      | .4    | 4.0                   |
| NNE                    | .1    | .3    | .1     |         |         |         |         |         |         |         |      | .4    | 5.4                   |
| NE                     | .1    | .3    |        |         |         |         |         |         |         |         |      | .3    | 4.0                   |
| ENE                    |       | .2    |        |         |         |         |         |         |         |         |      | .7    | 4.0                   |
| E                      |       | .2    |        | .1      |         |         |         |         |         |         |      | .3    | 7.7                   |
| ESE                    | .2    | .1    | .3     |         |         |         |         |         |         |         |      | .4    | 6.4                   |
| SE                     | .3    | .6    | .3     |         |         |         |         |         |         |         |      | 1.1   | 4.9                   |
| SSE                    | .3    | 1.3   | .9     |         |         |         |         |         |         |         |      | 2.4   | 5.6                   |
| S                      | 1.0   | 5.2   | 4.9    | .9      |         |         |         |         |         |         |      | 12.0  | 6.6                   |
| SSW                    | .5    | 5.4   | 6.6    | 3.3     | 1.9     |         |         |         |         |         |      | 17.7  | 9.3                   |
| SW                     | .8    | 2.6   | 8.6    | 7.4     | 2.7     | .7      | .1      |         |         |         |      | 22.8  | 11.3                  |
| WSW                    | .3    | 1.9   | 6.4    | 5.1     | 1.0     | .1      | .1      |         |         |         |      | 14.9  | 10.6                  |
| W                      | .1    | 1.0   | 3.8    | 4.0     | 1.6     | .6      |         |         |         |         |      | 11.2  | 12.4                  |
| WNW                    | .2    | 1.2   | 2.7    | 3.2     | .9      | .5      | .1      |         |         |         |      | 8.0   | 11.0                  |
| NW                     | .1    | .4    | .5     | .3      | .3      |         |         |         |         |         |      | 1.6   | 10.2                  |
| NNW                    |       | .3    | .2     |         |         |         |         |         |         |         |      | .4    | 6.4                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 4.0   |                       |
|                        | 3.8   | 21.3  | 35.2   | 24.2    | 8.5     | 1.9     | .3      |         |         |         |      | 100.0 | 9.5                   |

TOTAL NUMBER OF OBSERVATIONS

1152



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APY CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

11 Y  
MONTH

ALL WEATHER  
CLASS

0000-0000  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       |       |        | .1      |         |         |         |         |         |         |      | .1    | 14.0                  |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 5.0                   |
| ENE                     |       |       | .2     |         |         |         |         |         |         |         |      | .2    | 7.0                   |
| E                       | .1    |       |        |         |         |         |         |         |         |         |      | .1    | 3.0                   |
| ESE                     | .1    | .2    | .3     |         |         |         |         |         |         |         |      | .7    | 5.0                   |
| SE                      | .4    | 1.0   | .1     |         |         |         |         |         |         |         |      | 1.5   | 4.3                   |
| SSE                     | .2    | 1.9   | 1.2    |         |         |         |         |         |         |         |      | 3.4   | 5.9                   |
| S                       | 1.2   | 7.8   | 8.2    | 1.3     | .1      | .1      |         |         |         |         |      | 18.7  | 7.0                   |
| SSW                     | .4    | 5.3   | 9.7    | 4.6     | 1.0     | .2      |         |         |         |         |      | 21.3  | 9.2                   |
| SW                      | .6    | 5.8   | 10.2   | 7.2     | 2.2     | .2      |         |         |         |         |      | 26.4  | 10.0                  |
| WSW                     | .2    | 1.5   | 4.7    | 4.7     | .8      |         |         |         |         |         |      | 11.9  | 10.4                  |
| W                       | .2    | 1.0   | 2.0    | 2.8     | .4      | .3      | .1      |         |         |         |      | 6.8   | 11.0                  |
| WNW                     | .2    | .4    | 1.1    | 2.2     | 1.4     | .3      |         |         |         |         |      | 5.6   | 13.0                  |
| NW                      | .1    | .3    | .7     | .2      |         |         |         |         |         |         |      | 1.2   | 8.3                   |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 1.0   |                       |
|                         | 3.7   | 25.5  | 38.4   | 23.1    | 6.0     | 1.2     | .1      |         |         |         |      | 100.0 | 8.2                   |

TOTAL NUMBER OF OBSERVATIONS

120



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 51-64, 71-73  
YEARS

AY  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L & T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .1    | .1    | .1     |         |         |         |         |         |         |         |      | .3    | 5.0                   |
| NNE                     |       | .1    | .1     |         |         |         |         |         |         |         |      | .2    | 5.5                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 4.0                   |
| E                       | .1    | .1    |        |         |         |         |         |         |         |         |      | .2    | 4.0                   |
| ESE                     | .1    | .2    |        |         |         |         |         |         |         |         |      | .3    | 4.0                   |
| SE                      | .2    | .8    | .4     |         |         |         |         |         |         |         |      | 1.3   | 5.0                   |
| SSE                     | .5    | 1.3   | 1.4    |         |         |         |         |         |         |         |      | 3.3   | 5.9                   |
| S                       | 1.9   | 11.2  | 11.1   | .9      |         |         |         |         |         |         |      | 25.1  | 6.3                   |
| SSW                     | 1.3   | 7.1   | 8.6    | 3.4     | .9      | .2      |         |         |         |         |      | 21.5  | 8.2                   |
| SW                      | 2.2   | 5.8   | 6.8    | 5.0     | .9      | .3      |         |         |         |         |      | 20.9  | 8.7                   |
| WSW                     | .3    | 1.6   | 2.9    | 2.2     | .3      | .1      |         |         |         |         |      | 7.5   | 10.1                  |
| W                       | .1    | 1.2   | 2.5    | 1.4     | .9      | .4      |         |         |         |         |      | 6.5   | 11.5                  |
| WNW                     | .3    | .5    | 1.8    | 2.6     | .5      | .4      |         |         |         |         |      | 6.2   | 12.0                  |
| NW                      | .3    | .5    | .6     | .6      | .2      |         |         |         |         |         |      | 2.1   | 9.2                   |
| NNW                     |       | .2    | .1     | .1      |         |         |         |         |         |         |      | .3    | 9.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 4.3   |                       |
|                         | 7.2   | 30.9  | 36.4   | 16.2    | 3.9     | 1.3     |         |         |         |         |      | 100.0 | 8.0                   |

TOTAL NUMBER OF OBSERVATIONS 1191



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

DAY  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L & T)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .7    | 1.4   | .3     |         |         |         |         |         |         |         |      | 2.4   | 4.7                   |
| NNE                     | .6    | .8    | .3     | .2      |         |         |         |         |         |         |      | 1.9   | 5.3                   |
| NE                      | .8    | .4    | .3     |         |         |         |         |         |         |         |      | 1.8   | 4.7                   |
| ENE                     | .4    | .2    | .2     |         |         |         |         |         |         |         |      | .8    | 4.4                   |
| E                       | .1    | .4    | .1     | .1      |         |         |         |         |         |         |      | .7    | 5.8                   |
| ESE                     | .5    | .3    | .1     |         |         |         |         |         |         |         |      | 1.3   | 4.1                   |
| SE                      | .2    | 1.5   | .3     |         |         |         |         |         |         |         |      | 1.9   | 5.1                   |
| SSE                     | .3    | 1.7   | .2     | .1      |         |         |         |         |         |         |      | 2.4   | 4.5                   |
| S                       | 2.2   | 5.5   | 2.7    | .4      | .3      |         |         |         |         |         |      | 11.0  | 6.7                   |
| SSW                     | 1.3   | 3.5   | 2.1    | 2.5     | 1.2     | .1      |         |         |         |         |      | 10.7  | 9.1                   |
| SW                      | 1.1   | 2.1   | 4.4    | 5.5     | 2.2     | .3      |         |         |         |         |      | 15.6  | 11.2                  |
| WSW                     | .2    | 1.4   | 2.4    | 2.3     | .8      |         |         |         |         |         |      | 7.1   | 10.5                  |
| W                       | .6    | 1.4   | 1.3    | 2.1     | 1.1     | .3      |         |         |         |         |      | 7.0   | 12.7                  |
| WNW                     | .2    | 1.2   | 1.9    | 3.5     | 2.6     | .8      |         |         |         |         |      | 10.1  | 13.8                  |
| NW                      | .8    | 1.6   | 1.3    | 1.0     | .2      | .1      |         |         |         |         |      | 5.0   | 9.1                   |
| NNW                     | .9    | .9    | .2     | .2      |         |         |         |         |         |         |      | 2.2   | 4.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 18.4  |                       |
|                         | 11.0  | 24.9  | 18.1   | 17.8    | 8.2     | 1.5     |         |         |         |         |      | 100.0 | 7.4                   |

TOTAL NUMBER OF OBSERVATIONS 1130



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

DAY  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .9    | 3.4   | 2.7    | .3      |         |         |         |         |         |         |      | 7.3   | 4.2                   |
| NNE                     | 1.1   | 3.0   | 2.1    | .4      | .1      |         |         |         |         |         |      | 6.7   | 6.3                   |
| NE                      | 1.2   | 1.9   | 1.3    | .3      | .1      |         |         |         |         |         |      | 5.1   | 5.8                   |
| ENE                     | .3    | 1.5   | 1.4    | .5      | .2      |         |         |         |         |         |      | 4.0   | 7.5                   |
| E                       | .8    | 1.3   | .3     | .1      |         |         |         |         |         |         |      | 2.5   | 4.7                   |
| ESE                     | .3    | 1.0   | .2     |         |         |         |         |         |         |         |      | 1.4   | 4.2                   |
| SE                      | .3    | .5    | .1     |         |         |         |         |         |         |         |      | .5    | 4.5                   |
| SSE                     | .3    | .1    | .1     |         | .1      |         |         |         |         |         |      | .5    | 5.5                   |
| S                       | .2    | .3    | .6     | .7      | .2      | .2      |         |         |         |         |      | 2.1   | 10.3                  |
| SSW                     |       | .3    | 1.4    | 2.0     | 2.0     | .8      |         |         |         |         |      | 6.4   | 15.0                  |
| SW                      | .3    | .8    | 3.0    | 6.0     | 5.0     | .8      | .1      |         |         |         |      | 15.9  | 14.4                  |
| WSW                     | .3    | .8    | 3.0    | 4.9     | 2.4     | .2      |         |         |         |         |      | 11.6  | 12.9                  |
| W                       | .4    | .3    | 1.6    | 2.5     | .2      | .4      | .1      |         |         |         |      | 5.5   | 12.2                  |
| WNW                     | .5    | .6    | 2.1    | 3.4     | 2.4     | 1.6     | .3      |         |         |         |      | 10.9  | 14.4                  |
| NW                      | .7    | 2.2   | 1.4    | 1.8     | .9      | .3      |         |         |         |         |      | 7.3   | 10.1                  |
| NNW                     | .1    | 2.0   | 1.7    | .3      |         |         |         |         |         |         |      | 4.0   | 6.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 7.4   |                       |
|                         | 7.8   | 20.1  | 23.1   | 23.1    | 13.6    | 4.3     | .4      |         |         |         |      | 100.0 | 10.0                  |

TOTAL NUMBER OF OBSERVATIONS 1136



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

ΔY

MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .2    | 1.2   | 1.7    | .3      |         |         |         |         |         |         |      | 3.4   | 7.5                   |
| NNE                    | .6    | 1.2   | 1.9    | .5      |         |         |         |         |         |         |      | 4.2   | 7.7                   |
| NE                     | .4    | 1.4   | 1.0    | .6      | .1      |         |         |         |         |         |      | 3.3   | 7.2                   |
| ENE                    | .3    | 1.3   | 1.3    | .5      |         |         |         |         |         |         |      | 3.4   | 7.3                   |
| E                      | .2    | .9    | .5     | .1      |         |         |         |         |         |         |      | 1.6   | 6.3                   |
| ESE                    | .3    | .8    | .3     | .2      |         |         |         |         |         |         |      | 1.3   | 5.4                   |
| SE                     | .2    | .3    | .2     |         |         |         |         |         |         |         |      | .1    | 5.1                   |
| SSE                    | .1    | .3    | .2     |         |         |         |         |         |         |         |      | .4    | 5.1                   |
| S                      | .1    | .3    | .3     | .4      | .8      | .2      |         |         |         |         |      | 2.7   | 14.0                  |
| SSW                    |       | .3    | .6     | 3.8     | 4.0     | 1.4     | .1      |         |         |         |      | 10.1  | 17.1                  |
| SW                     | .1    | .5    | 1.8    | 7.5     | 8.7     | 4.1     | .6      |         |         |         |      | 23.3  | 17.2                  |
| WSW                    |       | .3    | 1.9    | 7.0     | 5.6     | 1.7     |         |         |         |         |      | 16.3  | 15.7                  |
| W                      | .3    | .7    | 1.6    | 1.6     | 2.1     | .5      | .1      |         |         |         |      | 6.8   | 13.3                  |
| WNW                    | .2    | .3    | 1.8    | 1.9     | 3.0     | .9      | .1      |         |         |         |      | 11.1  | 18.0                  |
| NW                     | .3    | .8    | 1.7    | 1.3     | 1.1     | .4      |         |         |         |         |      | 5.5   | 12.3                  |
| NNW                    | .4    | 1.1   | .3     | .7      |         |         |         |         |         |         |      | 2.5   | 7.1                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 2.7   |                       |
|                        | 3.7   | 11.6  | 17.5   | 26.4    | 25.4    | 11.1    | 1.7     | .1      |         |         |      | 100.0 | 13.7                  |

TOTAL NUMBER OF OBSERVATIONS

1176



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AY  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | .6    | 1.0    | .4      |         |         |         |         |         |         |      | 2.3   | 5.0                   |
| NNE                     | .3    | .5    | .8     | .1      |         |         |         |         |         |         |      | 1.6   | 6.7                   |
| NE                      | .3    | .6    | .6     | .2      |         |         |         |         |         |         |      | 1.7   | 7.2                   |
| ENE                     |       | .3    | .3     | .2      |         | .1      |         |         |         |         |      | .8    | 9.7                   |
| E                       | .1    | .3    | .2     | .1      |         |         |         |         |         |         |      | .7    | 6.6                   |
| ESE                     |       | .1    |        |         |         | .1      |         |         |         |         |      | .2    | 13.0                  |
| SE                      |       |       |        |         | .1      |         |         |         |         |         |      | .1    | 18.0                  |
| SSE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 4.0                   |
| S                       |       |       | .2     | .2      | .4      | .1      |         |         |         |         |      | 1.1   | 15.4                  |
| SSW                     |       | .2    | .5     | 1.9     | 3.8     | 2.4     | .1      |         |         |         |      | 8.9   | 18.4                  |
| SW                      |       |       | 1.4    | 8.9     | 16.9    | 5.8     | .3      |         |         |         |      | 33.4  | 19.1                  |
| WSW                     | .2    | .3    | 1.2    | 10.1    | 9.3     | 3.1     |         |         |         |         |      | 24.2  | 16.6                  |
| W                       |       | .2    | .8     | 2.8     | 1.8     | 1.0     | .2      |         |         |         |      | 6.9   | 16.3                  |
| WNW                     |       | .3    | .6     | 3.1     | 3.9     | 3.4     | 1.0     | .2      |         |         |      | 12.4  | 19.1                  |
| NW                      |       | .3    | .4     | .5      | 1.4     | 1.3     | .1      |         |         |         |      | 4.0   | 17.4                  |
| NNW                     |       | .3    | .5     | .1      | .1      |         |         |         |         |         |      | .9    | 8.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | .9    |                       |
|                         | 1.0   | 3.9   | 8.5    | 28.8    | 37.8    | 17.2    | 1.7     | .2      |         |         |      | 100.0 | 16.7                  |

TOTAL NUMBER OF OBSERVATIONS

1193



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

1 DAY  
MONTH  
1-20-2000  
HOURS (L S T.)

ALL WEATHER  
CLASS

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .1    | .3    | .1     |         | .1      |         |         |         |         |         |      | .4    | 7.0                   |
| NNE                    | .1    | .1    |        |         |         |         |         |         |         |         |      | .2    | 4.0                   |
| NE                     | .3    |       | .1     | .1      |         |         |         |         |         |         |      | .4    | 6.0                   |
| ENE                    | .1    |       | .1     | .1      |         |         |         |         |         |         |      | .3    | 8.7                   |
| E                      | .1    | .2    | .1     | .1      |         |         |         |         |         |         |      | .4    | 7.2                   |
| ESE                    | .2    |       | .1     | .1      |         |         |         |         |         |         |      | .3    | 6.0                   |
| SE                     | .1    | .1    | .1     |         |         |         |         |         |         |         |      | .3    | 5.0                   |
| SSE                    |       | .1    |        | .1      |         |         |         |         |         |         |      | .2    | 9.0                   |
| S                      |       | .3    | .4     | .4      | .3      | .1      |         |         |         |         |      | 1.3   | 12.0                  |
| SSW                    | .1    | .4    | 2.5    | 4.8     | 3.3     | 1.1     |         |         |         |         |      | 12.2  | 14.5                  |
| SW                     | .4    | .8    | 7.6    | 15.4    | 7.6     | 1.8     |         |         |         |         |      | 33.7  | 13.9                  |
| WSW                    | .1    | .7    | 4.5    | 11.7    | 4.1     | .3      |         |         |         |         |      | 21.5  | 13.3                  |
| W                      | .3    | 1.3   | 3.2    | 4.3     | 1.9     | .3      | .2      |         |         |         |      | 11.4  | 12.5                  |
| WNW                    |       | .5    | 3.0    | 4.4     | 2.9     | 1.3     | .1      |         |         |         |      | 12.2  | 14.7                  |
| NW                     | .2    | .4    | 1.0    | .9      | .8      | .1      |         |         |         |         |      | 3.4   | 12.1                  |
| NNW                    |       | .2    | .2     | .1      |         |         |         |         |         |         |      | .4    | 7.6                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 1.0   |                       |
|                        | 1.8   | 5.2   | 23.2   | 42.4    | 21.1    | 5.0     | .3      |         |         |         |      | 100.0 | 13.7                  |

TOTAL NUMBER OF OBSERVATIONS 1192



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

DAY  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                    |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 4.0                   |
| NE                     | .1    | .2    |        |         |         |         |         |         |         |         |      | .3    | 4.3                   |
| ENE                    |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 6.0                   |
| E                      | .2    | .1    |        |         |         |         |         |         |         |         |      | .2    | 3.3                   |
| ESE                    | .1    | .3    |        | .1      |         |         |         |         |         |         |      | .4    | 6.2                   |
| SE                     | .3    | .4    |        |         |         |         |         |         |         |         |      | .7    | 4.0                   |
| SSE                    | .3    | .3    | .7     | .1      | .1      |         |         |         |         |         |      | 1.4   | 7.4                   |
| S                      | .5    | 4.0   | 5.6    | 1.2     | .1      | .2      |         |         |         |         |      | 11.9  | 7.7                   |
| SSW                    | .6    | 4.1   | 9.1    | 5.4     | 1.6     | .4      |         |         |         |         |      | 21.2  | 10.1                  |
| SW                     | .8    | 4.0   | 11.6   | 11.0    | 2.3     | .6      |         |         |         |         |      | 30.3  | 10.8                  |
| WSW                    |       | 1.4   | 5.0    | 6.2     | 1.4     | .3      |         |         |         |         |      | 14.3  | 11.7                  |
| W                      | .3    | .9    | 3.5    | 2.8     | .9      | .3      | .1      |         |         |         |      | 8.2   | 11.2                  |
| WNW                    | .2    | 1.4   | 1.7    | 1.9     | .7      | .1      |         |         |         |         |      | 6.0   | 10.3                  |
| NW                     | .3    | .3    | .7     | .4      | .1      |         |         |         |         |         |      | 1.2   | 9.0                   |
| NNW                    | .2    | .3    | .1     | .2      |         |         |         |         |         |         |      | .8    | 6.9                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 1.9   |                       |
|                        | 3.8   | 17.9  | 37.8   | 29.3    | 7.4     | 1.9     | .1      |         |         |         |      | 100.0 | 10.0                  |

TOTAL NUMBER OF OBSERVATIONS 1192



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                    |       |       | .1     |         |         |         |         |         |         |         |      | .1    | 9.1                   |
| NE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                    |       |       | .1     |         |         |         |         |         |         |         |      | .1    | 7.0                   |
| E                      | .1    | .3    |        |         |         |         |         |         |         |         |      | .4    | 4.0                   |
| ESE                    | .1    | .3    |        |         |         |         |         |         |         |         |      | .4    | 4.8                   |
| SE                     | .4    | 1.0   | .4     |         |         |         |         |         |         |         |      | 1.7   | 5.3                   |
| SSE                    | 1.1   | 1.3   | .6     |         |         |         |         |         |         |         |      | 3.0   | 5.1                   |
| S                      | 2.3   | 7.6   | 12.2   | 1.9     | .3      |         |         |         |         |         |      | 24.3  | 7.2                   |
| SSW                    | .2    | 3.8   | 11.6   | 4.8     | 1.1     | .2      |         |         |         |         |      | 24.0  | 8.9                   |
| SW                     | .9    | 4.0   | 10.0   | 8.0     | 1.1     | .5      |         |         |         |         |      | 24.3  | 10.1                  |
| WSW                    | .2    | .4    | 3.1    | 2.4     | .2      | .3      |         |         |         |         |      | 6.6   | 10.9                  |
| W                      | .2    | .5    | 1.4    | 3.3     | 1.3     | .3      |         |         |         |         |      | 7.1   | 13.2                  |
| WNW                    | .1    | .2    | .7     | 1.8     | .6      | .2      |         |         |         |         |      | 3.7   | 13.3                  |
| NW                     | .1    | .2    | .3     | .2      |         |         |         |         |         |         |      | .7    | 9.1                   |
| NNW                    | .1    | .1    |        |         |         |         |         |         |         |         |      | .2    | 4.0                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 3.2   |                       |
|                        | 6.0   | 21.9  | 40.4   | 22.4    | 4.6     | 1.4     |         |         |         |         |      | 100.0 | 8.9                   |

TOTAL NUMBER OF OBSERVATIONS

1116



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0200-0500  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .3    | .1    |        |         |         |         |         |         |         |         |      | .4    | 3.3                   |
| NNE                    | .1    |       |        |         |         |         |         |         |         |         |      | .1    | 3.0                   |
| NE                     |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 5.0                   |
| ENE                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                      |       | .3    | .2     |         |         |         |         |         |         |         |      | .5    | 6.0                   |
| ESE                    | .1    | .3    | .4     |         |         |         |         |         |         |         |      | .7    | 5.9                   |
| SE                     | .3    | 1.0   | .4     |         |         |         |         |         |         |         |      | 1.9   | 4.7                   |
| SSE                    | .2    | 2.2   | 1.6    | .1      |         |         |         |         |         |         |      | 5.4   | 5.7                   |
| S                      | 2.8   | 9.8   | 17.4   | 1.3     | .2      |         |         |         |         |         |      | 31.4  | 7.0                   |
| SSW                    | 1.7   | 6.1   | 10.0   | 2.5     | .9      | .1      |         |         |         |         |      | 24.3  | 8.0                   |
| SW                     | 1.3   | 6.0   | 6.5    | 4.8     | .5      | .1      |         |         |         |         |      | 19.4  | 8.5                   |
| WSW                    | .4    | 1.4   | 1.5    | 1.2     | .1      | .1      |         |         |         |         |      | 4.6   | 8.4                   |
| W                      | .2    | .3    | 1.4    | 1.2     | .2      | .1      |         |         |         |         |      | 3.4   | 10.8                  |
| WNW                    | .1    | .3    | .7     | .8      | .6      |         |         |         |         |         |      | 2.7   | 11.2                  |
| NW                     |       | .1    | .3     | .3      |         |         |         |         |         |         |      | .6    | 10.9                  |
| NNW                    |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 4.7                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 4.1   |                       |
|                        | 8.2   | 31.5  | 40.3   | 13.1    | 2.4     | .4      |         |         |         |         |      | 100.0 | 7.5                   |

TOTAL NUMBER OF OBSERVATIONS 1110



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L S T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .6    | 2.0   | .6     | .1      |         | .1      |         |         |         |         |      | 3.4   | 5.7                   |
| NNE                     | .8    | .3    | .1     |         | .1      |         |         |         |         |         |      | 1.4   | 4.5                   |
| NE                      | 1.1   | .6    | .4     |         |         |         |         |         |         |         |      | 2.1   | 4.2                   |
| ENE                     | .2    | .5    | .1     | .1      |         |         |         |         |         |         |      | .9    | 5.1                   |
| E                       | .9    | 1.1   |        |         |         |         |         |         |         |         |      | 2.0   | 4.1                   |
| ESE                     | .5    | .8    | .1     |         |         |         |         |         |         |         |      | 1.4   | 4.1                   |
| SE                      | 1.1   | 1.1   | .1     |         |         |         |         |         |         |         |      | 2.2   | 3.2                   |
| SSE                     | .7    | 1.4   | .4     |         |         |         |         |         |         |         |      | 2.3   | 4.0                   |
| S                       | 2.1   | 5.7   | 3.6    | .5      |         |         |         |         |         |         |      | 12.0  | 5.9                   |
| SSW                     | .9    | 3.8   | 3.2    | 2.9     | .9      | .3      |         |         |         |         |      | 12.0  | 9.2                   |
| SW                      | 2.1   | 3.8   | 3.7    | 5.0     | 2.2     | .1      |         |         |         |         |      | 19.0  | 9.7                   |
| WSW                     | .4    | 1.2   | 2.1    | 2.2     | .7      | .1      |         |         |         |         |      | 6.0   | 10.5                  |
| W                       | .4    | 1.2   | 1.2    | 1.2     | .4      |         | .1      |         |         |         |      | 4.0   | 9.7                   |
| WNW                     | .2    | 1.2   | 1.4    | 2.1     | 1.2     | .1      |         |         |         |         |      | 6.4   | 11.1                  |
| NW                      | .5    | 1.4   | 1.2    | .5      | .3      | .2      |         |         |         |         |      | 4.1   | 4.2                   |
| NNW                     | .8    | 1.1   | .4     |         |         |         |         |         |         |         |      | 2.2   | 4.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 16.3  |                       |
|                         | 13.7  | 28.0  | 20.4   | 14.8    | 5.8     | .8      | .1      |         |         |         |      | 100.0 | 6.0                   |

TOTAL NUMBER OF OBSERVATIONS

1121



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-84, 61-64, 71-73  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .8    | 2.6   | 2.8    | .1      |         |         |         |         |         |         |      | 6.3   | 6.3                   |
| NNE                     | .9    | 2.8   | 1.2    | .4      | .1      | .1      |         |         |         |         |      | 5.4   | 6.4                   |
| NE                      | 1.2   | 3.4   | 1.3    | .7      |         |         |         |         |         |         |      | 6.6   | 6.1                   |
| ENE                     | .4    | 1.1   | 1.1    | .1      | .2      |         |         |         |         |         |      | 2.9   | 7.0                   |
| E                       | .4    | 1.3   | .2     |         |         |         |         |         |         |         |      | 1.9   | 4.3                   |
| ESE                     | .4    | .5    | .1     |         |         |         |         |         |         |         |      | 1.7   | 4.6                   |
| SE                      | .2    | .9    | .1     |         |         |         |         |         |         |         |      | 1.2   | 4.6                   |
| SSE                     | .2    | .3    |        |         |         |         |         |         |         |         |      | .4    | 4.6                   |
| S                       | .4    | .6    | .9     | 1.0     | .2      |         |         |         |         |         |      | 3.2   | 9.4                   |
| SSW                     | .3    | .4    | .8     | 2.0     | 1.9     | .5      |         |         |         |         |      | 5.8   | 14.7                  |
| SW                      | .3    | 1.3   | 3.2    | 7.9     | 5.7     | 2.2     | .1      |         |         |         |      | 20.7  | 14.9                  |
| WSW                     | .4    | .9    | 2.8    | 4.2     | 1.8     | .4      |         |         |         |         |      | 10.5  | 12.4                  |
| W                       | .5    | 1.1   | 2.2    | 1.6     | .4      | .2      |         |         |         |         |      | 6.7   | 10.1                  |
| WNW                     | .5    | 2.2   | 1.6    | 2.2     | 1.0     | .5      | .1      |         |         |         |      | 8.2   | 11.1                  |
| NW                      | .7    | 2.0   | 2.1    | 2.0     | .7      | .4      |         |         |         |         |      | 7.9   | 10.1                  |
| NNW                     | .7    | 2.2   | 1.9    | .1      |         |         |         |         |         |         |      | 4.9   | 6.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 7.2   |                       |
|                         | 6.2   | 23.6  | 22.1   | 22.1    | 12.0    | 4.5     | .2      |         |         |         |      | 100.7 | 9.7                   |

TOTAL NUMBER OF OBSERVATIONS 1116



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .7    | .8    | 2.6    | .4      |         |         |         |         |         |         |      | 4.5   | 7.3                   |
| NNE                     | .5    | 1.3   | 1.2    | .5      | .1      |         |         |         |         |         |      | 3.7   | 7.2                   |
| NE                      | .3    | 1.3   | 1.3    | .6      |         |         |         |         |         |         |      | 3.7   | 7.4                   |
| ENE                     | .3    | 1.2   | .7     | .4      |         |         |         |         |         |         |      | 2.3   | 7.0                   |
| E                       | .1    | 1.2   | .6     | .2      |         |         |         |         |         |         |      | 2.1   | 6.3                   |
| ESE                     | .1    | .8    | .4     |         |         |         |         |         |         |         |      | 1.3   | 5.8                   |
| SE                      | .2    | .1    | .3     |         |         |         |         |         |         |         |      | .5    | 5.8                   |
| SSE                     |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 5.5                   |
| S                       |       | .3    | .4     | .4      | .4      | .1      |         |         |         |         |      | 1.6   | 12.6                  |
| SSW                     | .1    | .4    | 1.4    | 2.9     | 3.8     | 2.5     |         |         |         |         |      | 11.1  | 16.7                  |
| SW                      | .2    | .4    | 2.3    | 9.0     | 8.8     | 6.0     | .4      | .1      |         |         |      | 27.1  | 17.4                  |
| WSW                     | .2    | .4    | 1.5    | 7.2     | 5.6     | 1.9     | .2      |         |         |         |      | 16.3  | 16.1                  |
| W                       | .2    | .4    | 1.0    | 2.2     | 1.1     | .6      | .1      |         |         |         |      | 5.6   | 14.5                  |
| WNW                     | .2    | .6    | 1.5    | 2.4     | 1.5     | .9      |         |         |         |         |      | 7.2   | 13.9                  |
| NW                      | .3    | .6    | 1.4    | 2.0     | 1.3     | 1.1     | .1      |         |         |         |      | 6.7   | 14.2                  |
| NNW                     | .3    | 1.1   | 1.1    | .4      | .1      | .2      |         |         |         |         |      | 3.0   | 8.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 2.4   |                       |
|                         | 3.5   | 11.1  | 17.7   | 28.5    | 22.6    | 13.2    | .8      | .1      |         |         |      | 100.0 | 13.2                  |

TOTAL NUMBER OF OBSERVATIONS

1117



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JULY  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .5    | .4    | .8     | .4      |         |         |         |         |         |         |      | 2.1   | 7.0                   |
| NNE                    |       | .2    | .3     | .1      |         |         |         |         |         |         |      | .5    | 7.5                   |
| NE                     |       | .4    | .5     | .1      |         |         |         |         |         |         |      | 1.4   | 5.7                   |
| ENE                    |       | .1    | .3     | .1      |         |         |         |         |         |         |      | .4    | 8.6                   |
| E                      |       | .4    | .1     | .1      |         |         |         |         |         |         |      | .5    | 6.3                   |
| ESE                    |       |       | .1     | .1      |         |         |         |         |         |         |      | .2    | 11.5                  |
| SE                     | .1    | .1    | .1     |         |         |         |         |         |         |         |      | .3    | 6.0                   |
| SSE                    |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 4.0                   |
| S                      |       | .1    |        | .2      | .2      | .1      |         |         |         |         |      | .5    | 15.3                  |
| SSW                    |       | .2    | .2     | 2.0     | 3.7     | 1.7     | .3      |         |         |         |      | 8.1   | 18.5                  |
| SW                     |       | .1    | .9     | 13.5    | 14.2    | 8.6     | .4      |         |         |         |      | 37.4  | 18.2                  |
| WSW                    |       |       | 1.3    | 11.2    | 10.9    | 4.2     | .3      |         |         |         |      | 28.2  | 17.1                  |
| W                      |       | .1    | .4     | 3.5     | 1.7     | .4      | .2      | .1      |         |         |      | 6.3   | 16.2                  |
| WNW                    | .1    | .2    | .5     | 1.6     | 2.3     | 2.9     | .6      | .1      |         |         |      | 8.2   | 19.5                  |
| NW                     | .1    | .2    | .2     | 1.2     | .5      | 1.2     | .1      |         |         |         |      | 3.6   | 17.6                  |
| NNW                    | .1    | .5    | .2     | .2      |         |         |         |         |         |         |      | 1.0   | 7.3                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 1.0   |                       |
|                        | .9    | 3.4   | 5.9    | 34.3    | 33.5    | 19.0    | 1.9     | .2      |         |         |      | 100.0 | 17.0                  |

TOTAL NUMBER OF OBSERVATIONS 1122



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | .2    | .1     |         |         |         |         |         |         |         |      | .3    | 5.3                   |
| NNE                     |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 4.5                   |
| NE                      |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 5.3                   |
| ENE                     |       | .2    | .1     |         |         |         |         |         |         |         |      | .4    | 6.0                   |
| E                       |       |       | .1     |         |         |         |         |         |         |         |      | .1    | 10.0                  |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       |        | .1      |         |         |         |         |         |         |      | .1    | 16.0                  |
| SSE                     | .1    |       | .1     |         |         |         |         |         |         |         |      | .2    | 5.0                   |
| S                       |       | .1    | .1     | .4      | .2      | .2      |         |         |         |         |      | .9    | 14.9                  |
| SSW                     |       | .1    | 3.0    | 5.0     | 3.3     | 1.0     |         |         |         |         |      | 12.5  | 14.3                  |
| SW                      | .2    | .9    | 8.5    | 18.8    | 8.8     | 2.9     | .1      |         |         |         |      | 40.1  | 14.3                  |
| WSW                     | .1    | .1    | 4.0    | 10.2    | 2.3     | .6      |         |         |         |         |      | 18.4  | 13.5                  |
| W                       | .1    | .6    | 3.0    | 5.0     | 2.3     | .8      | .1      |         |         |         |      | 12.7  | 13.6                  |
| WNW                     | .2    | .7    | 2.2    | 3.9     | 2.4     | 1.4     |         |         |         |         |      | 10.8  | 14.2                  |
| NW                      | .2    | .4    | .7     | 1.3     | .7      | .1      |         |         |         |         |      | 3.8   | 12.4                  |
| NNW                     |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 6.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | .4    |                       |
|                         | .8    | 3.9   | 22.0   | 44.7    | 21.1    | 7.0     | .2      |         |         |         |      | 100.1 | 12.2                  |

TOTAL NUMBER OF OBSERVATIONS

1114



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182

PALMDALE APT CALIF

49-54,61-64,71-73

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .1    | .2    |        |         |         |         |         |         |         |         |      | .3    | 4.7                   |
| NNE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 5.0                   |
| NE                      | .4    |       |        |         |         |         |         |         |         |         |      | .4    | 2.8                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       | .1    | .2    |        |         |         |         |         |         |         |         |      | .3    | 4.3                   |
| ESE                     | .1    | .4    |        |         |         |         |         |         |         |         |      | .4    | 4.6                   |
| SE                      | .4    | .2    | .2     |         |         |         |         |         |         |         |      | 1.1   | 4.4                   |
| SSE                     | .2    | .4    | .4     | .3      |         |         |         |         |         |         |      | 1.6   | 6.2                   |
| S                       | .4    | 2.9   | 5.2    | 2.0     |         |         |         |         |         |         |      | 10.5  | 7.9                   |
| SSW                     | .1    | 2.8   | 10.2   | 7.7     | 1.6     | .3      |         |         |         |         |      | 22.6  | 10.6                  |
| SW                      | .6    | 4.4   | 12.4   | 12.3    | 2.9     | .7      |         |         |         |         |      | 33.2  | 11.0                  |
| WSW                     | .2    | 1.5   | 3.9    | 4.6     | .7      | .1      |         |         |         |         |      | 11.1  | 10.6                  |
| W                       | .2    | 1.3   | 2.9    | 3.6     | .6      | .1      |         |         |         |         |      | 8.6   | 10.8                  |
| WNW                     | .1    | .8    | 1.4    | 1.3     | 1.0     |         |         |         |         |         |      | 4.6   | 11.2                  |
| NW                      | .2    | .5    | 1.0    | .3      | .1      |         |         |         |         |         |      | 2.1   | 7.9                   |
| NNW                     |       | .1    | .1     |         |         |         |         |         |         |         |      | .2    | 7.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 3.7   |                       |
|                         | 3.4   | 15.9  | 37.7   | 31.9    | 6.9     | 1.2     |         |         |         |         |      | 100.0 | 9.9                   |

TOTAL NUMBER OF OBSERVATIONS

1117



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L & T)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .2    | .1    |        |         |         |         |         |         |         |         |      | .2    | 3.3                   |
| NNE                     | .1    | .1    |        |         |         |         |         |         |         |         |      | .2    | 4.0                   |
| NE                      | .5    |       | .1     |         |         |         |         |         |         |         |      | .6    | 3.4                   |
| ENE                     | .2    |       |        |         |         |         |         |         |         |         |      | .2    | 3.0                   |
| E                       |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 4.0                   |
| ESE                     | .3    | .5    | .1     |         |         |         |         |         |         |         |      | .9    | 5.0                   |
| SE                      | .9    | 2.1   | .5     |         |         |         |         |         |         |         |      | 3.5   | 4.8                   |
| SSE                     | .9    | 2.9   | 1.6    | .1      |         |         |         |         |         |         |      | 5.5   | 5.6                   |
| S                       | 2.7   | 15.3  | 12.4   | .9      | .1      |         |         |         |         |         |      | 31.3  | 6.4                   |
| SSW                     | 1.2   | 8.5   | 10.4   | 1.2     | .2      |         |         |         |         |         |      | 21.4  | 7.1                   |
| SW                      | 1.6   | 7.8   | 7.6    | 2.8     | .3      |         |         |         |         |         |      | 20.0  | 7.4                   |
| WSW                     | .1    | 1.2   | 2.0    | .3      |         |         |         |         |         |         |      | 3.6   | 7.5                   |
| W                       | .3    | .4    | .9     | .1      |         |         |         |         |         |         |      | 1.7   | 7.0                   |
| WNW                     |       | .2    | .4     | .3      |         |         |         |         |         |         |      | .9    | 8.9                   |
| NW                      |       | .2    | .2     |         |         |         |         |         |         |         |      | .3    | 6.5                   |
| NNW                     | .1    | .2    |        |         |         |         |         |         |         |         |      | .3    | 4.3                   |
| VAKBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 9.1   |                       |
|                         | 9.2   | 17.5  | 36.1   | 5.6     | .5      |         |         |         |         |         |      | 100.0 | 6.1                   |

TOTAL NUMBER OF OBSERVATIONS 1159



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NNE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 4.8                   |
| NE                      |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 4.5                   |
| ENE                     |       | .4    |        |         |         |         |         |         |         |         |      | .4    | 4.2                   |
| E                       | .2    | .2    |        |         |         |         |         |         |         |         |      | .3    | 3.8                   |
| ESE                     | .1    | .2    |        | .1      |         |         |         |         |         |         |      | .3    | 5.2                   |
| SE                      | .4    | 1.1   | .9     | .1      |         |         |         |         |         |         |      | 2.1   | 5.5                   |
| SSE                     | .5    | 1.5   | .8     |         |         |         |         |         |         |         |      | 2.8   | 5.4                   |
| S                       | 1.5   | 8.0   | 12.5   | 2.2     |         |         |         |         |         |         |      | 24.2  | 7.3                   |
| SSW                     | 1.0   | 6.9   | 13.4   | 2.9     |         |         |         |         |         |         |      | 24.2  | 7.8                   |
| SW                      | 1.1   | 7.0   | 14.3   | 5.4     | .5      |         |         |         |         |         |      | 28.4  | 8.5                   |
| WSW                     | .3    | 1.2   | 2.6    | 1.4     |         |         |         |         |         |         |      | 5.4   | 3.6                   |
| W                       | .2    | 1.0   | 1.7    | 1.0     | .2      |         |         |         |         |         |      | 4.1   | 9.1                   |
| WNW                     | .3    | .2    | .4     | .5      | .1      |         |         |         |         |         |      | 1.5   | 9.6                   |
| NW                      |       | .1    |        | .1      |         |         |         |         |         |         |      | .2    | 8.0                   |
| NNW                     | .1    | .1    |        |         |         |         |         |         |         |         |      | .2    | 4.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 5.6   |                       |
|                         | 2.6   | 28.1  | 46.2   | 13.7    | .8      |         |         |         |         |         |      | 100.0 | 7.4                   |

TOTAL NUMBER OF OBSERVATIONS 1157



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

29182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.7   | 1.5   | .2     |         |         |         |         |         |         |         |      | 3.4   | 3.4                   |
| NNE                     | .5    | 1.3   | .1     |         |         |         |         |         |         |         |      | 1.9   | 4.5                   |
| NE                      | 1.1   | 1.5   |        |         |         |         |         |         |         |         |      | 2.5   | 3.9                   |
| ENE                     | .5    | 1.2   | .1     |         |         |         |         |         |         |         |      | 1.9   | 4.5                   |
| E                       | .9    | 1.6   |        |         |         |         |         |         |         |         |      | 2.4   | 4.4                   |
| ESE                     | .4    | .6    |        |         |         |         |         |         |         |         |      | 1.0   | 3.6                   |
| SE                      | .9    | 1.6   | .4     |         |         |         |         |         |         |         |      | 2.9   | 4.6                   |
| SSE                     | .6    | 1.4   | 1.0    | .2      |         |         |         |         |         |         |      | 3.1   | 5.7                   |
| S                       | 2.4   | 6.4   | 4.3    | .8      |         |         |         |         |         |         |      | 13.9  | 6.6                   |
| SSW                     | 1.0   | 4.5   | 3.6    | 1.0     |         |         |         |         |         |         |      | 10.2  | 6.9                   |
| SW                      | 1.9   | 3.8   | 3.7    | 2.6     | .2      |         |         |         |         |         |      | 14.2  | 7.4                   |
| WSW                     | .4    | 1.4   | 1.9    | 1.2     |         | .1      |         |         |         |         |      | 5.0   | 8.4                   |
| W                       | .5    | 1.1   | .9     | .5      | .1      |         |         |         |         |         |      | 3.1   | 7.2                   |
| WNW                     | .5    | 1.7   | 1.3    | .3      |         |         |         | .1      |         |         |      | 4.0   | 7.2                   |
| NW                      | 1.2   | 1.5   | .7     | .1      |         |         |         |         |         |         |      | 3.5   | 5.2                   |
| NNW                     | 1.0   | 1.5   | .3     | .1      | .1      |         |         |         |         |         |      | 2.1   | 5.1                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 23.9  |                       |
|                         | 15.8  | 32.6  | 20.4   | 6.9     | .3      | .1      |         | .1      |         |         |      | 100.0 | 4.0                   |

TOTAL NUMBER OF OBSERVATIONS 1149



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L S T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .2    | 1.0   | 1.3    | .3      |         |         |         |         |         |         |      | 2.9   | 7.4                   |
| NNE                    | .6    | 1.2   | 1.0    |         |         |         |         |         |         |         |      | 2.9   | 5.6                   |
| NE                     | .5    | 1.5   | 1.4    |         |         |         | .1      |         |         |         |      | 3.5   | 5.7                   |
| ENE                    | .2    | .7    | .5     |         |         |         |         |         |         |         |      | 1.4   | 6.1                   |
| E                      | .2    | .5    | .3     |         |         |         |         |         |         |         |      | 1.0   | 5.5                   |
| ESE                    | .1    | .3    | .6     | .1      |         |         |         |         |         |         |      | 1.1   | 7.5                   |
| SE                     | .2    | .3    | .4     | .2      |         |         |         |         |         |         |      | 1.1   | 7.0                   |
| SSE                    | .1    | .1    | .3     |         |         |         |         |         |         |         |      | .4    | 6.2                   |
| S                      | .1    | .8    | .5     | .4      | .3      | .1      |         |         |         |         |      | 2.2   | 9.7                   |
| SSW                    |       | .3    | 1.7    | 4.1     | 2.6     | 1.1     |         |         |         |         |      | 9.8   | 15.2                  |
| SW                     | .3    | .9    | 3.5    | 13.7    | 9.0     | 2.5     | .2      | .1      |         |         |      | 30.7  | 15.4                  |
| WSW                    | .1    | .6    | 2.0    | 11.0    | 6.3     | 2.0     |         |         |         |         |      | 22.7  | 15.0                  |
| W                      | .2    | .5    | 1.7    | 2.7     | .9      | .4      | .1      |         |         |         |      | 6.5   | 12.3                  |
| WNW                    | .2    | .6    | 1.3    | 1.6     | 1.1     | .6      | .1      |         |         |         |      | 5.5   | 13.4                  |
| NW                     | .3    | .7    | 1.2    | 1.0     | .4      |         |         |         |         |         |      | 3.6   | 10.0                  |
| NNW                    | .3    | 1.0   | 1.0    | .4      | .1      | .1      |         |         |         |         |      | 2.9   | 7.7                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 2.6   |                       |
|                        | 3.2   | 11.0  | 19.4   | 35.4    | 20.7    | 6.8     | .4      | .1      |         |         |      | 100.7 | 12.8                  |

TOTAL NUMBER OF OBSERVATIONS 1157



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23162  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEAR

JUL  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 2.0   | 3.8   | 2.1    | .2      |         |         |         |         |         |         |      | 8.1   | 5.4                   |
| NNE                    | 1.7   | 3.5   | 1.4    |         |         |         |         |         |         |         |      | 4.8   | 5.0                   |
| NE                     | 1.6   | 3.8   | 1.0    |         |         |         |         |         |         |         |      | 6.4   | 4.3                   |
| ENE                    | 1.0   | 1.7   | .7     |         |         |         |         |         |         |         |      | 3.3   | 4.9                   |
| E                      | .9    | 2.5   | .5     |         |         |         |         |         |         |         |      | 3.9   | 4.9                   |
| ESE                    | .4    | .6    | .1     |         |         |         |         |         |         |         |      | 1.1   | 4.2                   |
| SE                     | .4    | .7    | .1     |         |         |         |         |         |         |         |      | 1.2   | 4.5                   |
| SSE                    | .2    | .5    |        | .1      |         |         |         |         |         |         |      | .2    | 4.8                   |
| S                      |       | 1.0   | .4     | .3      | .1      |         |         |         |         |         |      | 1.9   | 7.8                   |
| SSW                    | .2    | .6    | 1.6    | 2.8     | .8      | .6      |         |         |         |         |      | 6.4   | 12.4                  |
| SW                     | .6    | 1.0   | 3.7    | 8.9     | 2.2     | .5      |         |         |         |         |      | 16.9  | 12.6                  |
| WSW                    | .3    | 1.9   | 3.3    | 4.7     | 1.1     |         |         |         |         |         |      | 11.4  | 10.7                  |
| W                      | .7    | 1.1   | 2.1    | 1.5     | .3      | .1      |         |         |         |         |      | 5.7   | 9.0                   |
| WNW                    | .6    | 1.5   | 2.4    | 1.3     | .3      | .3      |         |         |         |         |      | 5.3   | 8.9                   |
| NW                     | .4    | 1.9   | 2.1    | .5      | .1      |         |         |         |         |         |      | 5.1   | 7.3                   |
| NNW                    | .4    | 1.9   | 2.2    | .2      |         |         |         |         |         |         |      | 4.7   | 6.5                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 9.9   |                       |
|                        | 11.5  | 28.2  | 23.6   | 20.5    | 4.8     | 1.5     |         |         |         |         |      | 100.7 | 7.7                   |

TOTAL NUMBER OF OBSERVATIONS

1140



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .2    | 1.0   | 1.3    | .3      |         |         |         |         |         |         |      | 2.9   | 7.4                   |
| NNE                    | .6    | 1.2   | 1.0    |         |         |         |         |         |         |         |      | 2.9   | 5.6                   |
| NE                     | .5    | 1.5   | 1.4    |         |         |         | .1      |         |         |         |      | 3.5   | 5.7                   |
| ENE                    | .2    | .7    | .5     |         |         |         |         |         |         |         |      | 1.4   | 6.1                   |
| E                      | .2    | .5    | .3     |         |         |         |         |         |         |         |      | 1.0   | 5.5                   |
| ESE                    | .1    | .3    | .6     | .1      |         |         |         |         |         |         |      | 1.1   | 7.3                   |
| SE                     | .2    | .3    | .4     | .2      |         |         |         |         |         |         |      | 1.1   | 7.0                   |
| SSE                    | .1    | .1    | .3     |         |         |         |         |         |         |         |      | .4    | 6.2                   |
| S                      | .1    | .8    | .5     | .4      | .3      | .1      |         |         |         |         |      | 2.2   | 9.7                   |
| SSW                    |       | .3    | 1.7    | 4.1     | 2.6     | 1.1     |         |         |         |         |      | 9.3   | 15.2                  |
| SW                     | .3    | .9    | 3.5    | 13.7    | 9.0     | 2.5     | .2      | .1      |         |         |      | 30.0  | 15.4                  |
| WSW                    | .1    | .6    | 2.8    | 11.0    | 6.3     | 2.0     |         |         |         |         |      | 22.7  | 15.0                  |
| W                      | .2    | .5    | 1.7    | 2.7     | .9      | .4      | .1      |         |         |         |      | 6.8   | 12.9                  |
| WNW                    | .2    | .6    | 1.3    | 1.6     | 1.1     | .6      | .1      |         |         |         |      | 5.5   | 13.4                  |
| NW                     | .3    | .7    | 1.2    | 1.0     | .4      |         |         |         |         |         |      | 3.6   | 10.0                  |
| NNW                    | .3    | 1.0   | 1.0    | .4      | .1      | .1      |         |         |         |         |      | 2.9   | 7.7                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 2.4   |                       |
|                        | 3.5   | 11.0  | 19.4   | 35.4    | 20.7    | 6.8     | .4      | .1      |         |         |      | 100.0 | 12.8                  |

TOTAL NUMBER OF OBSERVATIONS 1157



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .1    | .1    | .2     |         |         |         |         |         |         |         |      | .3    | 6.3                   |
| NNE                     |       |       | .1     | .2      |         |         |         |         |         |         |      | .3    | 10.7                  |
| NE                      |       | .3    | .2     |         |         |         |         |         |         |         |      | .4    | 6.3                   |
| ENE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 4.0                   |
| E                       | .1    | .1    | .1     |         |         |         |         |         |         |         |      | .3    | 6.3                   |
| ESE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 4.0                   |
| SE                      | .3    |       | .1     | .2      |         | .1      |         |         |         |         |      | .4    | 9.3                   |
| SSE                     |       | .2    | .1     |         |         |         | .1      |         |         |         |      | .3    | 11.5                  |
| S                       | .1    |       | .1     | .1      | .2      |         |         |         |         |         |      | .4    | 12.8                  |
| SSW                     | .1    |       | .4     | 2.2     | 2.0     | 1.3     | .2      |         |         |         |      | 6.2   | 17.6                  |
| SW                      | .1    | .3    | 1.7    | 16.4    | 16.6    | 6.7     | .2      |         |         |         |      | 41.9  | 17.3                  |
| WSW                     |       | .2    | 1.4    | 13.4    | 14.6    | 4.2     | .1      |         |         |         |      | 33.8  | 17.0                  |
| W                       |       | .1    | .5     | 3.8     | 3.3     | .3      |         |         |         |         |      | 8.1   | 15.2                  |
| WNW                     | .1    |       | .5     | 1.6     | 1.6     | .9      | .2      |         |         |         |      | 3.0   | 17.7                  |
| NW                      |       | .1    | .2     | .5      | .3      | .4      |         |         |         |         |      | 1.6   | 16.6                  |
| NNW                     |       |       | .1     |         |         | .1      |         |         |         |         |      | .2    | 17.5                  |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | .3    |                       |
|                         | .8    | 1.5   | 5.6    | 38.3    | 38.6    | 14.0    | .9      |         |         |         |      | 100.0 | 16.8                  |

TOTAL NUMBER OF OBSERVATIONS 1120



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1870-2000  
HOURS (L & T)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .1    | .1    |        |         |         |         |         |         |         |         |      | .2    | 4.5                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ENE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 4.0                   |
| E                       |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SE                      |       |       | .1     |         |         |         |         |         |         |         |      | .1    | 10.0                  |
| SSE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 5.0                   |
| S                       | .2    | .4    | .2     | .3      |         |         |         |         |         |         |      | 1.3   | 7.3                   |
| SSW                     | .1    | .4    | 1.6    | 4.1     | 2.4     | .5      |         |         |         |         |      | 9.3   | 14.4                  |
| SW                      | .3    | 1.2   | 8.7    | 20.2    | 6.7     | .8      |         |         |         |         |      | 37.7  | 13.3                  |
| WSW                     |       | 1.1   | 5.5    | 14.2    | 6.7     | .8      |         |         |         |         |      | 28.4  | 13.7                  |
| W                       | .3    | .3    | 4.3    | 4.2     | 1.0     | .3      |         |         |         |         |      | 10.4  | 11.7                  |
| WNW                     | .1    | 1.0   | 1.7    | 3.0     | 1.7     | 1.1     |         |         |         |         |      | 8.7   | 14.1                  |
| NW                      | .2    | .2    | 1.1    | 1.0     | .1      | .2      | .1      |         |         |         |      | 2.9   | 11.7                  |
| NNW                     |       | .2    | .2     |         |         |         |         |         |         |         |      | .3    | 6.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | .7    |                       |
|                         | 1.2   | 5.2   | 23.4   | 47.1    | 18.5    | 3.7     | .1      |         |         |         |      | 100.0 | 13.2                  |

TOTAL NUMBER OF OBSERVATIONS 1156



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      |       |       | .1     |         |         |         |         |         |         |         |      | .1    | 7.0                   |
| NNE                    | .2    |       |        |         |         |         |         |         |         |         |      | .2    | 3.0                   |
| NE                     | .3    |       |        |         |         |         |         |         |         |         |      | .3    | 3.0                   |
| ENE                    | .1    |       |        |         |         |         |         |         |         |         |      | .1    | 2.0                   |
| E                      | .2    | .2    |        |         |         |         |         |         |         |         |      | .3    | 3.5                   |
| ESE                    | .1    | .1    |        |         |         |         |         |         |         |         |      | .2    | 4.0                   |
| SE                     | .5    | .5    | .2     |         |         |         |         |         |         |         |      | 1.2   | 4.5                   |
| SSE                    | .3    | .8    | .3     | .3      |         |         |         |         |         |         |      | 1.4   | 4.7                   |
| S                      | .9    | 2.8   | 5.0    | 1.5     | .1      |         |         |         |         |         |      | 11.2  | 7.5                   |
| SSW                    | .3    | 3.3   | 11.1   | 6.3     | .7      | .2      |         |         |         |         |      | 21.9  | 9.6                   |
| SW                     | .9    | 5.0   | 17.7   | 11.9    | 1.2     |         |         |         |         |         |      | 36.7  | 9.8                   |
| WSW                    | .6    | 1.5   | 4.4    | 3.4     | .2      |         |         |         |         |         |      | 10.7  | 9.3                   |
| W                      | .1    | 1.1   | 3.3    | 1.6     | .3      |         |         |         |         |         |      | 6.4   | 9.5                   |
| WNW                    | .3    | .8    | 1.2    | 1.5     | .6      |         |         |         |         |         |      | 4.4   | 10.2                  |
| NW                     | .3    | .4    | .7     | .3      |         |         |         |         |         |         |      | 1.7   | 7.3                   |
| NNW                    | .3    | .1    |        |         |         |         |         |         |         |         |      | .4    | 3.4                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 3.3   |                       |
|                        | 5.3   | 17.5  | 44.0   | 26.7    | 3.1     | .2      |         |         |         |         |      | 100.0 | 8.9                   |

TOTAL NUMBER OF OBSERVATIONS 1161



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

ALL G  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | .2    | .1     |         |         |         |         |         |         |         |      | .5    | 5.5                   |
| NNE                     | .1    | .1    |        |         | .1      |         |         |         |         |         |      | .9    | 4.7                   |
| NE                      |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 5.0                   |
| ENE                     | .1    | .2    | .1     | .1      |         |         |         |         |         |         |      | .4    | 6.2                   |
| E                       | .2    | .2    |        |         |         |         |         |         |         |         |      | .7    | 3.8                   |
| ESE                     |       | .2    | .2     |         |         |         |         |         |         |         |      | .4    | 6.0                   |
| SE                      | .7    | 1.2   | .6     |         |         |         |         |         |         |         |      | 2.4   | 5.0                   |
| SSE                     | .3    | 2.2   | .9     |         |         |         |         |         |         |         |      | 3.4   | 5.3                   |
| S                       | 2.2   | 13.2  | 9.9    | .5      |         |         |         |         |         |         |      | 25.7  | 6.3                   |
| SSW                     | 1.4   | 8.3   | 9.9    | 2.7     | .3      | .1      |         |         |         |         |      | 22.7  | 7.6                   |
| SW                      | 1.3   | 7.0   | 11.0   | 3.2     | .2      |         |         |         |         |         |      | 22.7  | 7.3                   |
| WSW                     | .2    | 2.0   | 2.9    | 2.0     |         |         |         |         |         |         |      | 7.2   | 8.7                   |
| W                       | .5    | 1.1   | 2.1    | .5      |         |         |         |         |         |         |      | 4.2   | 7.5                   |
| WNW                     |       | .6    | .5     | .4      |         |         |         |         |         |         |      | 1.8   | 8.6                   |
| NW                      | .3    | .1    | .4     |         |         |         |         |         |         |         |      | .4    | 5.5                   |
| NNW                     |       | .1    | .1     |         |         |         |         |         |         |         |      | .2    | 7.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 7.1   |                       |
|                         | 7.4   | 36.7  | 38.7   | 9.4     | .7      | .1      |         |         |         |         |      | 100.0 | 6.7                   |

TOTAL NUMBER OF OBSERVATIONS

1200



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMCALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

01G  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .2    |       |        |         |         |         |         |         |         |         |      | .2    | 2.5                   |
| NNE                     | .1    | .2    | .1     | .1      |         |         |         |         |         |         |      | .4    | 7.0                   |
| NE                      | .2    |       |        |         |         |         |         |         |         |         |      | .2    | 2.0                   |
| ENE                     | .1    | .2    |        |         |         |         |         |         |         |         |      | .3    | 4.0                   |
| E                       | .2    | .5    |        |         |         |         |         |         |         |         |      | .4    | 4.0                   |
| ESE                     | .3    | .7    | .2     |         | .1      |         | .1      |         |         |         |      | 1.3   | 7.5                   |
| SE                      | .9    | 2.2   | 1.1    | .1      |         |         |         |         |         |         |      | 4.3   | 5.4                   |
| SSE                     | 1.4   | 3.4   | 2.0    |         |         |         |         |         |         |         |      | 6.9   | 5.4                   |
| S                       | 4.0   | 17.1  | 9.9    | .5      | .1      |         |         |         |         |         |      | 31.9  | 6.0                   |
| SSW                     | 1.5   | 8.8   | 7.3    | 1.5     | .1      |         |         |         |         |         |      | 19.2  | 5.9                   |
| SW                      | 2.3   | 6.9   | 5.9    | 1.3     |         |         |         |         |         |         |      | 16.3  | 6.6                   |
| WSW                     | .2    | 1.4   | .8     | .9      |         |         |         |         |         |         |      | 3.3   | 7.7                   |
| W                       | .4    | .7    | .3     | .3      |         |         |         |         |         |         |      | 1.7   | 6.3                   |
| WNW                     | .2    | .3    | .5     | .2      |         |         |         |         |         |         |      | 1.1   | 7.4                   |
| NW                      | .3    | .2    | .3     |         |         |         |         |         |         |         |      | .9    | 5.5                   |
| NNW                     | .1    |       |        |         |         |         |         |         |         |         |      | .1    | 2.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 11.3  |                       |
|                         | 12.1  | 42.0  | 28.4   | 5.3     | .3      |         | .1      |         |         |         |      | 100.0 | 5.6                   |

TOTAL NUMBER OF OBSERVATIONS

1195

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

61 G  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 1.7   | 2.1   | .4     |         |         |         |         |         |         |         |      | 4.2   | 4.3                   |
| NNE                    | 1.3   | 1.3   |        |         |         |         |         |         |         |         |      | 2.6   | 3.9                   |
| NE                     | 1.3   | .8    | .1     |         |         |         |         |         |         |         |      | 2.3   | 3.8                   |
| ENE                    | .9    | 1.8   |        |         |         |         |         |         |         |         |      | 2.7   | 4.0                   |
| E                      | 1.8   | 1.0   | .1     |         |         |         |         |         |         |         |      | 2.8   | 3.8                   |
| ESE                    | 1.4   | 1.1   | .3     |         |         |         |         |         |         |         |      | 2.3   | 4.0                   |
| SE                     | 1.3   | 1.8   | .2     |         |         |         |         |         |         |         |      | 3.3   | 4.1                   |
| SSE                    | 1.1   | 2.1   | .8     | .1      |         |         |         |         |         |         |      | 4.0   | 3.2                   |
| S                      | 3.9   | 7.2   | 4.0    | .2      |         |         |         |         |         |         |      | 15.3  | 5.3                   |
| SSW                    | 1.6   | 3.2   | 2.9    | 1.1     | .2      |         |         |         |         |         |      | 8.9   | 6.9                   |
| SW                     | 2.4   | 3.2   | 3.2    | 2.1     | .6      |         |         |         |         |         |      | 11.4  | 7.7                   |
| WSW                    | .2    | .6    | 1.3    | 1.5     |         |         |         |         |         |         |      | 3.5   | 9.2                   |
| W                      | .4    | .6    | .7     | .5      |         |         |         |         |         |         |      | 2.5   | 6.9                   |
| WNW                    | .2    | .9    | .4     |         | .1      |         |         |         |         |         |      | 1.6   | 6.3                   |
| NW                     | .8    | 1.1   | .3     |         |         |         |         |         |         |         |      | 2.3   | 4.6                   |
| NNW                    | .3    | .9    | .1     |         |         |         |         |         |         |         |      | 1.5   | 4.3                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 28.4  |                       |
|                        | 21.0  | 29.6  | 14.8   | 5.4     | .8      |         |         |         |         |         |      | 100.0 | 4.1                   |

TOTAL NUMBER OF OBSERVATIONS 1199



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L & T)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 1.6   | 6.1   | 2.4    | .3      |         |         |         |         |         |         |      | 10.4  | 5.6                   |
| NNE                    | 1.4   | 4.0   | 1.9    |         |         |         |         |         |         |         |      | 7.3   | 5.3                   |
| NE                     | 2.6   | 4.3   | 1.6    |         |         |         |         |         |         |         |      | 8.5   | 4.8                   |
| ENE                    | 1.5   | 2.5   | .5     |         |         |         |         |         |         |         |      | 4.5   | 4.5                   |
| E                      | 1.2   | 2.3   | .8     |         |         |         |         |         |         |         |      | 4.3   | 4.0                   |
| ESE                    | .3    | .8    | .2     |         |         |         |         |         |         |         |      | 1.5   | 4.4                   |
| SE                     | .2    | .6    | .2     |         |         |         |         |         |         |         |      | .9    | 4.8                   |
| SSE                    |       | .3    | .3     |         |         | .1      |         |         |         |         |      | .6    | 8.9                   |
| S                      | .2    | 1.0   | .1     | .3      | .1      |         |         |         |         |         |      | 1.7   | 7.0                   |
| SSW                    | .2    | .4    | .9     | 2.2     | 1.3     | .4      |         |         |         |         |      | 5.3   | 13.7                  |
| SW                     | .3    | 1.9   | 3.0    | 3.2     | 3.2     | .1      |         |         |         |         |      | 14.5  | 12.0                  |
| WSW                    | .3    | 1.3   | 2.9    | 5.0     | .7      | .1      |         |         |         |         |      | 10.3  | 11.0                  |
| W                      | .5    | 1.1   | 2.7    | 1.5     | .4      |         |         |         |         |         |      | 6.2   | 9.3                   |
| WNW                    | .3    | 1.3   | 1.3    | .2      | .2      |         |         |         |         |         |      | 3.2   | 6.9                   |
| NW                     | .8    | 1.9   | 1.5    | .2      |         |         |         |         |         |         |      | 4.3   | 6.2                   |
| NNW                    | .8    | 2.5   | 1.8    |         |         |         |         |         |         |         |      | 5.1   | 5.8                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CAIM                   |       |       |        |         |         |         |         |         |         |         |      | 11.3  |                       |
|                        | 12.3  | 22.4  | 22.8   | 14.8    | 5.8     | .7      |         |         |         |         |      | 100.0 | 7.6                   |

TOTAL NUMBER OF OBSERVATIONS 1199



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .4    | 1.3   | 1.7    | .4      | .1      |         |         |         |         |         |      | 3.8   | 7.5                   |
| NNE                     | .4    | 1.8   | 1.6    | .2      |         |         |         |         |         |         |      | 4.7   | 6.4                   |
| NE                      | .5    | 2.2   | 1.3    | .3      |         |         |         |         |         |         |      | 4.2   | 6.3                   |
| ENE                     | .4    | 1.4   | 1.0    | .1      | .1      |         |         |         |         |         |      | 3.0   | 6.4                   |
| E                       | .3    | 1.1   | .6     |         |         |         |         |         |         |         |      | 2.0   | 5.3                   |
| ESE                     | .1    | .5    | .4     |         |         |         |         |         |         |         |      | 1.0   | 5.8                   |
| SE                      |       | .7    | .3     |         | .1      |         |         |         |         |         |      | 1.0   | 6.8                   |
| SSE                     | .2    | .6    | .4     | .2      |         |         |         |         |         |         |      | 1.2   | 7.3                   |
| S                       |       | .5    | 1.2    | .5      | .1      |         |         |         |         |         |      | 2.3   | 9.1                   |
| SSW                     |       | .2    | 1.7    | 2.4     | 2.7     | .6      |         |         |         |         |      | 7.5   | 15.0                  |
| SW                      | .4    | 1.0   | 3.2    | 12.4    | 5.4     | 2.2     | .1      | .1      |         |         |      | 24.8  | 14.6                  |
| WSW                     | .1    | .6    | 3.2    | 13.6    | 6.0     | 1.3     |         |         |         |         |      | 24.8  | 14.6                  |
| W                       | .3    | .7    | 1.8    | 3.3     | 1.4     | .3      |         |         |         |         |      | 7.6   | 12.6                  |
| WNW                     | .2    | .3    | 1.5    | .7      |         | .2      | .2      |         |         |         |      | 2.9   | 11.2                  |
| NW                      |       | .9    | 1.7    | .5      |         | .1      |         |         |         |         |      | 3.2   | 8.4                   |
| NNW                     | .1    | .6    | .9     |         |         |         |         |         |         |         |      | 1.6   | 6.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 5.1   |                       |
|                         | 2.3   | 14.2  | 22.1   | 34.5    | 15.9    | 4.5     | .3      | .1      |         |         |      | 100.0 | 11.5                  |

TOTAL NUMBER OF OBSERVATIONS

1195



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L S T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .1    | .3    | .7     | .1      |         | .1      |         |         |         |         |      | 1.2   | 9.3                   |
| NNE                     |       | .2    | .5     | .2      |         |         |         |         |         |         |      | .8    | 8.4                   |
| NE                      | .1    | .1    | .7     |         |         |         |         |         |         |         |      | .8    | 7.4                   |
| ENE                     |       | .3    | .1     |         |         |         |         |         |         |         |      | .3    | 6.8                   |
| E                       |       | .1    | .2     |         |         |         |         |         |         |         |      | .3    | 8.0                   |
| ESE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 6.0                   |
| SE                      |       | .3    | .2     | .3      |         |         |         |         |         |         |      | .7    | 8.9                   |
| SSE                     |       |       | .1     | .1      |         |         |         |         |         |         |      | .2    | 9.9                   |
| S                       |       | .2    | .2     | .5      |         |         |         |         |         |         |      | .9    | 11.1                  |
| SSW                     |       |       | .3     | 2.1     | 2.4     | .7      | .1      |         |         |         |      | 5.6   | 17.3                  |
| SW                      | .1    | .1    | 3.2    | 15.3    | 12.5    | 4.6     | .2      |         |         |         |      | 36.0  | 16.5                  |
| WSW                     |       | .1    | 2.4    | 19.6    | 13.3    | 3.2     |         |         |         |         |      | 39.5  | 16.1                  |
| W                       | .2    | .3    | .5     | 4.8     | 1.9     | .4      |         |         |         |         |      | 8.0   | 14.5                  |
| WNW                     |       |       | 1.1    | .9      | .5      | .9      | .1      |         |         |         |      | 3.5   | 15.9                  |
| NW                      |       | .3    | .5     | .3      | .3      | .1      | .2      |         |         |         |      | 1.5   | 13.4                  |
| NNW                     |       | .2    | .7     | .1      |         | .2      |         |         |         |         |      | 1.1   | 11.6                  |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | .6    |                       |
|                         | .4    | 2.2   | 11.1   | 44.2    | 30.9    | 10.2    | .5      |         |         |         |      | 100.0 | 15.6                  |

TOTAL NUMBER OF OBSERVATIONS

1189



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

ALL  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .1    | .3    | .3     |         |         |         |         |         |         |         |      | .4    | 6.7                   |
| NNE                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                     |       |       | .2     |         |         |         |         |         |         |         |      | .2    | 8.0                   |
| ENE                    | .1    | .2    |        |         |         |         |         |         |         |         |      | .3    | 4.7                   |
| E                      |       | .1    |        | .1      |         |         |         |         |         |         |      | .2    | 9.5                   |
| ESE                    |       |       |        | .1      | .1      |         |         |         |         |         |      | .2    | 15.0                  |
| SE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| SSE                    |       |       | .1     |         |         |         |         |         |         |         |      | .1    | 9.0                   |
| S                      |       | .3    | .3     | .3      | .1      |         |         |         |         |         |      | .9    | 8.9                   |
| SSW                    | .3    | .6    | 1.6    | 2.2     | 1.7     | .3      |         |         |         |         |      | 6.5   | 12.8                  |
| SW                     | .6    | 2.1   | 10.8   | 17.9    | 6.3     | .8      |         |         |         |         |      | 38.5  | 12.5                  |
| WSW                    | .2    | 1.3   | 7.6    | 13.8    | 3.6     | .3      | .1      |         |         |         |      | 26.9  | 12.5                  |
| W                      | .4    | 1.3   | 4.5    | 5.0     | 1.2     | .5      |         |         |         |         |      | 13.0  | 11.1                  |
| WNW                    | .2    | 1.6   | 3.8    | 1.9     | 1.1     | .3      | .1      |         |         |         |      | 9.0   | 11.0                  |
| NW                     | .3    | .3    | .8     | .6      | .2      | .4      |         |         |         |         |      | 2.4   | 12.4                  |
| NNW                    |       | .4    | .2     |         |         |         |         |         |         |         |      | .6    | 6.6                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | .5    |                       |
|                        | 2.0   | 8.4   | 30.0   | 41.9    | 14.2    | 2.6     | .2      |         |         |         |      | 100.0 | 12.1                  |

TOTAL NUMBER OF OBSERVATIONS

1192



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | .1    | .1     |         |         |         |         |         |         |         |      | .2    | 6.0                   |
| NNE                     | .1    |       |        |         |         |         |         |         |         |         |      | .1    | 3.0                   |
| NE                      | .2    | .3    | .1     |         |         |         |         |         |         |         |      | .5    | 4.5                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| E                       | .4    | .2    | .1     |         |         |         |         |         |         |         |      | .7    | 3.8                   |
| ESE                     | .1    | .3    |        |         |         |         |         |         |         |         |      | .3    | 4.3                   |
| SE                      | .3    | .8    |        |         |         |         |         |         |         |         |      | 1.0   | 4.7                   |
| SSE                     | .3    | 1.2   | .6     |         |         |         |         |         |         |         |      | 2.1   | 5.3                   |
| S                       | 1.4   | 4.5   | 6.0    | .5      |         |         |         |         |         |         |      | 12.5  | 6.6                   |
| SSW                     | 1.1   | 4.0   | 10.4   | 3.4     | .7      | .2      |         |         |         |         |      | 19.7  | 8.7                   |
| SW                      | 1.7   | 6.1   | 15.6   | 7.4     | .8      | .3      |         |         |         |         |      | 31.8  | 9.0                   |
| WSW                     | .4    | 1.9   | 6.9    | 4.2     | .3      |         |         |         |         |         |      | 13.6  | 9.5                   |
| W                       | .6    | 1.7   | 3.0    | 1.5     | .3      |         |         |         |         |         |      | 7.2   | 8.7                   |
| WNW                     | .3    | .7    | 1.6    | .8      | .2      |         |         |         |         |         |      | 3.5   | 8.9                   |
| NW                      | .1    | 1.1   | .9     |         | .1      |         |         |         |         |         |      | 2.2   | 6.8                   |
| NNW                     | .2    | .3    | .2     |         |         |         |         |         |         |         |      | .6    | 6.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 4.1   |                       |
|                         | 7.1   | 22.9  | 45.4   | 17.8    | 2.3     | .4      |         |         |         |         |      | 100.0 | 8.0                   |

TOTAL NUMBER OF OBSERVATIONS 1157



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22162  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | .1    | .1     |         |         |         |         |         |         |         |      | .5    | 4.6                   |
| NNE                     |       | .4    |        |         |         |         |         |         |         |         |      | .4    | 4.4                   |
| NE                      | .1    | .3    | .2     | .1      |         |         |         |         |         |         |      | .7    | 7.0                   |
| ENE                     |       | .3    |        |         |         |         |         |         |         |         |      | .2    | 4.7                   |
| E                       | .2    | .4    | .3     |         |         |         |         |         |         |         |      | .3    | 5.4                   |
| ESE                     | .1    | .9    | .2     |         |         |         |         |         |         |         |      | 1.2   | 5.6                   |
| SE                      | 1.3   | 1.9   | .1     |         |         |         |         |         |         |         |      | 3.4   | 4.2                   |
| SSE                     | .7    | 4.4   | 1.4    | .1      |         |         |         |         |         |         |      | 6.6   | 5.3                   |
| S                       | 2.5   | 15.2  | 8.1    | .8      |         |         |         |         |         |         |      | 27.7  | 5.3                   |
| SSW                     | 2.5   | 7.8   | 5.8    | 1.2     | .3      | .2      |         |         |         |         |      | 17.8  | 6.9                   |
| SW                      | 1.5   | 7.6   | 6.2    | 2.9     | .4      | .2      |         |         |         |         |      | 18.3  | 7.8                   |
| WSW                     | .4    | 2.0   | 2.0    | 1.7     | .1      |         |         |         |         |         |      | 6.2   | 8.7                   |
| W                       | .2    | .6    | .3     | .5      | .1      |         |         |         |         |         |      | 1.7   | 8.5                   |
| WNW                     | .2    | .4    | .5     | .3      | .1      | .2      |         |         |         |         |      | 1.9   | 10.2                  |
| NW                      | .7    | .5    | .2     |         |         |         |         |         |         |         |      | 1.4   | 4.4                   |
| NNW                     | .1    | .2    |        |         |         |         |         |         |         |         |      | .3    | 4.2                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 10.1  |                       |
|                         | 12.0  | 43.1  | 25.4   | 7.8     | 1.0     | .6      |         |         |         |         |      | 100.0 | 6.7                   |

TOTAL NUMBER OF OBSERVATIONS

957

USAFETAC

FORM  
JUN 71

0-8-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0200-0500  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .1    | .2    | .2     |         |         |         |         |         |         |         |      | .5    | 5.2                   |
| NNE                    |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 5.0                   |
| NE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 5.0                   |
| ENE                    |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 4.0                   |
| E                      | .4    | .4    | .4     |         |         |         |         |         |         |         |      | 1.2   | 5.3                   |
| ESE                    | .2    | .4    | .2     |         |         |         |         |         |         |         |      | .7    | 5.5                   |
| SE                     | 1.3   | 1.3   | .6     |         |         |         |         |         |         |         |      | 3.2   | 4.6                   |
| SSE                    | 1.1   | 4.2   | 1.6    | .1      |         |         |         |         |         |         |      | 7.0   | 5.4                   |
| S                      | 4.1   | 17.8  | 7.9    | .5      |         |         |         |         |         |         |      | 30.3  | 5.6                   |
| SSW                    | 2.0   | 9.9   | 4.5    | .7      | .2      | .1      |         |         |         |         |      | 17.3  | 6.2                   |
| SW                     | 3.6   | 8.6   | 4.5    | 1.6     | .4      | .2      |         |         |         |         |      | 18.9  | 6.5                   |
| WSW                    | .3    | .9    | 1.0    | .6      | .1      |         |         |         |         |         |      | 2.9   | 8.0                   |
| W                      | .6    | .7    | .9     | .1      | .1      |         |         |         |         |         |      | 2.3   | 5.9                   |
| WNW                    | .3    | .7    | .9     | .2      | .1      |         |         |         |         |         |      | 2.2   | 7.6                   |
| NW                     | .3    | .2    | .1     |         |         |         |         |         |         |         |      | .7    | 4.3                   |
| NNW                    | .1    |       | .1     |         |         |         |         |         |         |         |      | .2    | 5.5                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 11.9  |                       |
|                        | 14.5  | 45.8  | 22.9   | 3.9     | .8      | .3      |         |         |         |         |      | 100.0 | 5.2                   |

TOTAL NUMBER OF OBSERVATIONS

947



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 15 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 2.0   | 1.2   | .3     |         |         |         |         |         |         |         |      | 3.5   | 3.9                   |
| NNE                    | .5    | 1.1   |        |         |         |         |         |         |         |         |      | 1.6   | 4.4                   |
| NE                     | 1.2   | .4    | .1     |         |         |         |         |         |         |         |      | 1.7   | 3.8                   |
| ENE                    | .4    | .3    | .2     | .1      |         |         |         |         |         |         |      | 1.7   | 5.6                   |
| E                      | .7    | .4    | .2     | .1      |         |         |         |         |         |         |      | 1.4   | 5.0                   |
| ESE                    | .3    | .6    |        |         |         |         |         |         |         |         |      | .9    | 3.8                   |
| SE                     | 1.1   | 1.5   | .4     |         |         |         |         |         |         |         |      | 3.7   | 4.4                   |
| SSE                    | 1.3   | 2.2   | .6     |         |         |         |         |         |         |         |      | 4.2   | 4.5                   |
| S                      | 4.1   | 7.8   | 3.3    | .2      |         |         |         |         |         |         |      | 15.4  | 5.2                   |
| SSW                    | 1.9   | 3.3   | 1.8    | .9      | .1      |         |         |         |         |         |      | 7.8   | 6.6                   |
| SW                     | 1.9   | 4.1   | 2.0    | 2.3     | .7      |         |         |         |         |         |      | 11.1  | 7.8                   |
| WSW                    | .4    | .9    | .1     | .8      | .3      |         |         |         |         |         |      | 2.5   | 8.8                   |
| W                      | .9    | .6    | .4     | .3      | .1      |         |         |         |         |         |      | 2.3   | 6.8                   |
| WNW                    | .3    | 1.1   | .8     | .3      | .1      |         |         |         |         |         |      | 2.6   | 7.3                   |
| NW                     | 1.9   | 2.2   | 1.1    | .2      |         |         |         |         |         |         |      | 5.2   | 5.3                   |
| NNW                    | 1.0   | 1.9   | .2     |         |         |         |         |         |         |         |      | 3.1   | 4.2                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CAIM                   |       |       |        |         |         |         |         |         |         |         |      | 32.5  |                       |
|                        | 19.5  | 29.8  | 11.7   | 5.3     | 1.3     |         |         |         |         |         |      | 100.7 | 3.9                   |

TOTAL NUMBER OF OBSERVATIONS

944



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 3.7   | 8.2   | 4.0    | .1      |         |         |         |         |         |         |      | 15.3  | 5.4                   |
| NNE                     | 1.9   | 6.9   | 2.1    | .2      |         |         |         |         |         |         |      | 11.2  | 5.3                   |
| NE                      | 2.0   | 4.1   | 2.0    | .4      |         |         |         |         |         |         |      | 8.5   | 5.6                   |
| ENE                     | 1.0   | 2.1   | .5     | .3      | .4      |         |         |         |         |         |      | 4.4   | 6.7                   |
| E                       | 1.4   | 1.3   | .2     | .2      |         |         |         |         |         |         |      | 3.2   | 4.6                   |
| ESE                     | .3    | .5    | .2     |         |         |         |         |         |         |         |      | 1.1   | 4.5                   |
| SE                      | .2    | .3    | .2     |         |         |         |         |         |         |         |      | .7    | 4.7                   |
| SSE                     | .1    | .1    |        |         |         |         |         |         |         |         |      | .2    | 4.5                   |
| S                       | .2    | .4    | .4     | .1      |         |         |         |         |         |         |      | 1.1   | 7.5                   |
| SSW                     |       | .1    | 1.1    | 2.9     | 1.0     | .1      |         |         |         |         |      | 5.2   | 13.5                  |
| SW                      | .4    | .4    | 2.3    | 4.6     | 2.1     | .3      | .1      |         |         |         |      | 10.3  | 13.3                  |
| WSW                     | .2    | .7    | 1.1    | 2.9     | .3      | .1      |         |         |         |         |      | 5.3   | 11.4                  |
| W                       | .3    | .6    | 1.1    | .9      | .3      | .1      |         |         |         |         |      | 3.4   | 10.4                  |
| WNW                     | .2    | .8    | .9     | .9      | .4      | .1      |         |         |         |         |      | 3.4   | 10.7                  |
| NW                      | .7    | 1.8   | 1.5    | .6      |         |         |         |         |         |         |      | 4.7   | 6.7                   |
| NNW                     | .9    | 2.2   | 1.8    | .1      |         |         |         |         |         |         |      | 6.2   | 5.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 15.3  |                       |
|                         | 13.7  | 21.6  | 19.3   | 14.2    | 4.6     | .7      | .1      |         |         |         |      | 100.0 | 6.6                   |

TOTAL NUMBER OF OBSERVATIONS

930



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.1   | 3.3   | 3.3    | .7      |         |         |         |         |         |         |      | 8.2   | 6.7                   |
| NNE                     | 1.5   | 3.4   | 2.1    | 1.0     |         |         |         |         |         |         |      | 6.1   | 6.8                   |
| NE                      | 2.1   | 3.5   | 2.5    | 1.1     | .3      |         |         |         |         |         |      | 9.4   | 6.8                   |
| ENE                     | .4    | 1.2   | .8     | .7      | .2      |         |         |         |         |         |      | 3.3   | 8.1                   |
| E                       | .8    | 1.4   | .4     | .4      |         |         |         |         |         |         |      | 3.7   | 5.8                   |
| ESE                     | .3    | 1.3   | .6     |         |         |         |         |         |         |         |      | 2.2   | 5.6                   |
| SE                      | .3    | .2    | .4     | .1      |         |         |         |         |         |         |      | 1.7   | 6.1                   |
| SSE                     | .1    | .2    | .1     | .2      |         |         |         |         |         |         |      | .6    | 8.2                   |
| S                       | .2    |       | .4     | .6      | .1      |         |         |         |         |         |      | 1.3   | 11.2                  |
| SSW                     | .1    | .7    | .6     | 2.6     | 2.6     | .4      | .1      |         |         |         |      | 7.2   | 15.1                  |
| SW                      | .1    | .2    | 1.4    | 6.5     | 5.7     | 1.7     | .2      |         |         |         |      | 16.1  | 16.0                  |
| WSW                     | .2    | .7    | 1.8    | 8.2     | 3.6     | .8      | .1      |         |         |         |      | 15.5  | 14.3                  |
| W                       | .1    | .5    | 1.4    | 2.5     | .7      | .2      |         |         |         |         |      | 5.4   | 12.6                  |
| WNW                     | .4    | .2    | .6     | 1.1     | .6      | .2      | .1      |         |         |         |      | 3.2   | 13.3                  |
| NW                      | .5    | .9    | 1.3    | .2      | .5      |         |         |         |         |         |      | 3.6   | 8.2                   |
| NNW                     | .1    | 1.7   | 1.6    | .3      |         |         |         |         |         |         |      | 3.7   | 6.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 7.4   |                       |
|                         | 8.4   | 19.8  | 19.5   | 26.3    | 14.4    | 3.3     | .5      |         |         |         |      | 100.1 | 10.1                  |

TOTAL NUMBER OF OBSERVATIONS 989



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23162  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %    | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N                       | .6    | 2.6   | 1.5    | .4      |         |         |         |         |         |         |      | 5.4  | 6.2                   |
| NNE                     | .6    | 1.2   | .9     | .8      |         |         |         |         |         |         |      | 3.5  | 7.4                   |
| NE                      | .6    | .9    | 1.9    | .3      | .1      |         |         |         |         |         |      | 3.9  | 7.3                   |
| ENE                     | .2    | .8    | 1.0    | .8      |         |         |         |         |         |         |      | 2.9  | 7.8                   |
| E                       | .5    | 1.1   | .6     | .4      |         |         |         |         |         |         |      | 2.4  | 6.5                   |
| ESE                     | .2    | .4    | .2     | .1      |         |         |         |         |         |         |      | .5   | 6.3                   |
| SE                      | .3    | .2    | .1     | .1      |         |         |         |         |         |         |      | .7   | 5.7                   |
| SSE                     |       | .2    | .2     | .1      |         |         |         |         |         |         |      | .4   | 7.2                   |
| S                       | .1    | .2    | .2     | .5      | .3      |         |         |         |         |         |      | 1.3  | 12.3                  |
| SSW                     | .1    | .1    | .7     | 3.1     | 2.2     | .2      |         |         |         |         |      | 6.5  | 15.1                  |
| SW                      | .2    | .6    | 4.6    | 13.1    | 6.6     | 2.6     | .1      |         |         |         |      | 27.8 | 15.1                  |
| WSW                     | .1    | .1    | 2.8    | 12.7    | 7.3     | 1.2     |         |         |         |         |      | 24.3 | 15.2                  |
| W                       |       | .4    | .9     | 3.2     | 2.1     | .2      | .1      |         |         |         |      | 7.2  | 14.5                  |
| WNW                     | .3    | .3    | .8     | 1.5     | 1.5     | .7      | .1      |         |         |         |      | 5.2  | 14.9                  |
| NW                      | .3    | .6    | 1.0    | .4      | .3      | .3      |         |         |         |         |      | 2.9  | 10.4                  |
| NNW                     | .2    | .8    | .5     | .2      |         |         |         |         |         |         |      | 1.7  | 6.8                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 2.7  |                       |
|                         | 4.6   | 10.7  | 16.0   | 37.8    | 20.5    | 5.4     | .3      |         |         |         |      | 100. | 12.4                  |

TOTAL NUMBER OF OBSERVATIONS 967



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23162  
STATION

PALMCALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

SFP  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .5    | .8    | .6     |         |         |         |         |         |         |         |      | 1.4   | 5.4                   |
| NNE                     | .3    | .1    | .3     |         |         |         |         |         |         |         |      | .7    | 5.1                   |
| NE                      | .3    | .8    | .4     | .1      |         |         |         |         |         |         |      | 1.6   | 5.9                   |
| ENE                     | .1    | .4    | .5     |         |         |         |         |         |         |         |      | 1.0   | 7.1                   |
| E                       | .1    | .1    | .3     |         |         |         |         |         |         |         |      | .5    | 6.8                   |
| ESE                     | .1    | .6    |        | .1      |         |         |         |         |         |         |      | .8    | 5.8                   |
| SE                      |       | .6    | .1     | .1      |         |         |         |         |         |         |      | .8    | 6.6                   |
| SSE                     | .2    | .6    |        |         |         |         |         |         |         |         |      | .8    | 4.6                   |
| S                       | .4    | 1.7   | 1.2    | .2      |         |         |         |         |         |         |      | 3.5   | 6.3                   |
| SSW                     | .2    | 2.1   | 2.8    | 2.6     | .5      |         |         |         |         |         |      | 8.3   | 9.8                   |
| SW                      | 1.1   | 5.1   | 12.5   | 10.7    | 2.0     | .8      | .2      |         |         |         |      | 32.5  | 10.6                  |
| WSW                     | .4    | 2.2   | 6.3    | 6.5     | 1.9     | .2      |         |         |         |         |      | 17.5  | 11.2                  |
| W                       | .5    | 1.9   | 4.8    | 2.9     | .4      | .5      |         |         |         |         |      | 11.7  | 9.9                   |
| WNW                     | .3    | 1.5   | 2.7    | 2.5     | .4      | .2      |         |         |         |         |      | 7.7   | 10.0                  |
| NW                      | .3    | .7    | 2.4    | .9      | .3      | .1      |         |         |         |         |      | 4.0   | 9.4                   |
| NNW                     | .5    | .7    | .2     |         |         |         |         |         |         |         |      | 1.4   | 4.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 5.2   |                       |
|                         | 5.4   | 20.0  | 35.2   | 26.7    | 5.6     | 1.8     | .2      |         |         |         |      | 100.0 | 9.3                   |

TOTAL NUMBER OF OBSERVATIONS

989



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23102  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

2102-2300  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .4    | .3    | .1     |         |         |         |         |         |         |         |      | .8    | 4.6                   |
| NNE                    | .3    | .2    | .2     |         |         |         |         |         |         |         |      | .7    | 4.7                   |
| NE                     | .3    | .3    |        |         |         |         |         |         |         |         |      | .6    | 3.7                   |
| ENE                    |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 4.5                   |
| E                      | .6    | .8    | .1     |         |         |         |         |         |         |         |      | 1.5   | 4.3                   |
| ESE                    | .5    | .5    | .2     | .2      |         |         |         |         |         |         |      | 1.4   | 5.7                   |
| SE                     | 1.7   | 2.1   | .2     |         |         |         |         |         |         |         |      | 4.0   | 4.4                   |
| SSE                    | 1.3   | 3.8   | .7     |         |         |         |         |         |         |         |      | 5.8   | 4.4                   |
| S                      | 2.2   | 8.1   | 5.9    | .3      |         |         |         |         |         |         |      | 16.5  | 5.9                   |
| SSW                    | .8    | 5.5   | 4.9    | 1.4     | .1      | .5      |         |         |         |         |      | 13.3  | 7.7                   |
| SW                     | 2.1   | 5.4   | 8.8    | 5.0     | .9      | .2      |         |         |         |         |      | 22.5  | 8.7                   |
| WSW                    | .5    | 2.1   | 3.1    | 1.6     |         | .1      |         |         |         |         |      | 7.8   | 8.2                   |
| W                      | .9    | 2.3   | 2.0    | 1.2     |         |         |         |         |         |         |      | 6.5   | 7.2                   |
| WNW                    | .2    | 1.2   | 1.6    | .8      | .2      | .1      |         |         |         |         |      | 4.1   | 9.2                   |
| NW                     | .4    | .4    | .9     | .1      |         | .2      |         |         |         |         |      | 2.0   | 8.4                   |
| NNW                    |       | .7    | .1     |         |         |         |         |         |         |         |      | .1    | 5.3                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 11.7  |                       |
|                        | 12.3  | 34.1  | 28.9   | 10.7    | 1.2     | 1.1     |         |         |         |         |      | 100.0 | 6.3                   |

TOTAL NUMBER OF OBSERVATIONS

992



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

000-0200  
MONTH

ALL WEATHER  
CLASS

000-0200  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      |       | .1    | .1     | .2      |         |         |         |         |         |         |      | .4    | 10.0                  |
| NNE                    |       | .1    |        |         |         |         |         |         |         |         |      | .1    | 4.0                   |
| NE                     | .2    | .3    | .4     | .1      |         |         |         |         |         |         |      | .9    | 6.8                   |
| ENE                    | .1    | .3    |        |         |         |         |         |         |         |         |      | .4    | 4.3                   |
| E                      | .2    | .5    | .5     |         |         |         |         |         |         |         |      | 1.1   | 6.2                   |
| ESE                    | .2    | .6    | .2     | .1      |         |         |         |         |         |         |      | 1.1   | 5.6                   |
| SE                     | .2    | 1.7   | .6     |         |         |         |         |         |         |         |      | 2.5   | 5.6                   |
| SSE                    | .6    | 1.7   | 1.4    | .1      |         |         |         |         |         |         |      | 2.7   | 5.9                   |
| S                      | 3.4   | 15.6  | 9.4    | .3      |         |         |         |         |         |         |      | 28.7  | 5.9                   |
| SSW                    | 1.3   | 8.6   | 3.7    | 1.4     | .4      | .1      |         |         |         |         |      | 15.4  | 6.6                   |
| SW                     | 2.6   | 8.1   | 4.6    | 2.2     | .5      | .2      |         |         |         |         |      | 18.3  | 7.0                   |
| WSW                    | .6    | 1.5   | 1.3    | 1.4     | .4      | .1      |         |         |         |         |      | 5.2   | 9.0                   |
| W                      | .8    | 1.5   | 1.0    | .7      | .5      |         | .1      |         |         |         |      | 4.6   | 8.6                   |
| WNW                    | .4    | 1.0   | 1.0    | .8      | .9      | .4      |         |         |         |         |      | 4.5   | 11.5                  |
| NW                     | .4    | .8    | .4     | .1      |         |         |         |         |         |         |      | 1.7   | 5.8                   |
| NNW                    |       | .2    |        |         |         |         |         |         |         |         |      | .2    | 4.5                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 11.3  |                       |
|                        | 11.2  | 42.4  | 24.4   | 7.3     | 2.6     | .7      | .1      |         |         |         |      | 100.0 | 6.1                   |

TOTAL NUMBER OF OBSERVATIONS 1090



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

JCT  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | .5    | .1     |         |         |         |         |         |         |         |      | .1    | 4.1                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      | .2    | .3    |        | .1      |         |         |         |         |         |         |      | .4    | 5.5                   |
| ENE                     |       | .4    | .2     |         |         |         |         |         |         |         |      | .6    | 5.5                   |
| E                       | .4    | .8    | .3     |         |         |         |         |         |         |         |      | 1.5   | 4.8                   |
| ESE                     | .1    | .6    | .3     |         |         |         |         |         |         |         |      | .9    | 5.9                   |
| SE                      | .6    | 2.6   | .8     | .1      |         |         |         |         |         |         |      | 4.1   | 5.6                   |
| SSE                     | .5    | 2.8   | 1.4    | .1      |         |         |         |         |         |         |      | 4.7   | 5.6                   |
| S                       | 4.6   | 15.0  | 5.6    | .3      |         |         |         |         |         |         |      | 25.5  | 5.4                   |
| SSW                     | 2.0   | 8.2   | 4.0    | 1.4     | .5      | .1      |         |         |         |         |      | 16.1  | 6.6                   |
| SW                      | 4.1   | 8.0   | 4.1    | 1.4     |         | .2      |         |         |         |         |      | 17.7  | 6.1                   |
| WSW                     | .9    | 1.4   | .9     | .6      | .1      | .1      |         |         |         |         |      | 4.1   | 7.6                   |
| W                       | .8    | 1.7   | .5     | .9      | .2      |         |         |         |         |         |      | 4.1   | 7.5                   |
| WNW                     | .8    | .9    | .8     | .9      | .3      | .4      | .1      |         |         |         |      | 4.2   | 10.2                  |
| NW                      | .3    | 1.3   | .2     | .1      | .2      | .1      |         |         |         |         |      | 2.1   | 7.3                   |
| NNW                     | .1    | .1    | .1     | .1      |         |         |         |         |         |         |      | .4    | 7.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 12.3  |                       |
|                         | 15.6  | 44.4  | 19.2   | 6.0     | 1.2     | .8      | .1      |         |         |         |      | 100.0 | 5.4                   |

TOTAL NUMBER OF OBSERVATIONS 1086



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

CT  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.8   | 1.7   | .3     |         |         |         |         |         |         |         |      | 3.7   | 4.0                   |
| NNE                     | .2    | .7    | .1     |         | .1      |         |         |         |         |         |      | 1.1   | 5.7                   |
| NE                      | .3    | .4    |        |         | .1      |         |         |         |         |         |      | .7    | 5.9                   |
| ENE                     | .3    | .3    | .1     |         |         |         |         |         |         |         |      | .6    | 4.0                   |
| E                       | .5    | .8    | .5     |         |         |         |         |         |         |         |      | 1.0   | 4.9                   |
| ESE                     | .1    | 1.1   | .6     | .2      | .1      |         |         |         |         |         |      | 2.0   | 7.0                   |
| SE                      | 1.1   | 2.0   | .8     |         |         |         |         |         |         |         |      | 4.0   | 4.9                   |
| SSE                     | .6    | 1.7   | .6     | .1      |         |         |         |         |         |         |      | 3.0   | 8.4                   |
| S                       | 3.0   | 8.7   | 2.4    | .5      |         |         |         |         |         |         |      | 14.6  | 5.1                   |
| SSW                     | 2.1   | 5.5   | 1.7    | .6      | .6      |         |         |         |         |         |      | 10.4  | 6.3                   |
| SW                      | 2.4   | 3.9   | 1.8    | 1.5     | .7      | .1      |         |         |         |         |      | 10.3  | 7.4                   |
| WSW                     | .6    | .8    | .6     | .8      | .2      |         |         |         |         |         |      | 3.0   | 8.1                   |
| W                       | 1.2   | .4    | 1.0    | .4      | .1      | .2      |         |         |         |         |      | 3.2   | 7.8                   |
| WNW                     | .7    | 1.3   | .6     | 1.2     | .6      | .2      | .1      |         |         |         |      | 4.7   | 10.2                  |
| NW                      | 1.0   | 1.8   | .4     | .3      | .4      | .1      |         |         |         |         |      | 3.5   | 7.1                   |
| NNW                     | 1.4   | 1.4   | .2     |         |         |         |         |         |         |         |      | 2.9   | 3.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 30.0  |                       |
|                         | 17.2  | 32.4  | 11.8   | 3.4     | 2.8     | .6      | .1      |         |         |         |      | 100.0 | 4.4                   |

TOTAL NUMBER OF OBSERVATIONS 1045



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23182

PALMDALE APT CALIF

49-54, 61-64, 71-72

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURLS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 4.5   | 9.9   | 4.5    | .1      | .2      |         |         |         |         |         |      | 19.1  | 5.3                   |
| NNE                     | 2.1   | 4.9   | 1.7    | .4      | .1      | .1      | .1      |         |         |         |      | 9.4   | 5.3                   |
| NE                      | 1.6   | 2.6   | 1.3    | .3      | .3      |         |         |         |         |         |      | 6.7   | 6.0                   |
| ENE                     | .2    | .8    | .7     | 1.0     | .1      |         |         |         |         |         |      | 2.9   | 9.4                   |
| E                       | 1.4   | 1.0   | .5     | .3      | .4      |         |         |         |         |         |      | 3.3   | 6.7                   |
| ESE                     | .2    | .1    |        | .1      |         |         |         |         |         |         |      | .4    | 6.6                   |
| SE                      | .4    | .7    |        |         |         |         |         |         |         |         |      | 1.0   | 4.1                   |
| SSE                     | .3    | .1    |        |         |         |         |         |         |         |         |      | .4    | 2.6                   |
| S                       | .2    | .4    | .5     | .3      |         |         |         |         |         |         |      | 1.3   | 7.7                   |
| SSW                     | .2    | .4    | .3     | 1.5     | .6      | .4      |         |         |         |         |      | 3.2   | 12.1                  |
| SW                      |       | .5    | .7     | 3.2     | 1.5     | .7      |         |         |         |         |      | 6.4   | 14.8                  |
| WSW                     |       | .2    | .7     | 2.3     | .5      | .1      |         |         |         |         |      | 3.8   | 12.9                  |
| W                       | .2    | .7    | .8     | 1.0     | .6      | .4      |         |         |         |         |      | 3.6   | 12.0                  |
| WNW                     | .8    | 1.2   | .7     | .8      | 1.1     | .9      |         |         |         |         |      | 5.7   | 12.1                  |
| NW                      | 1.2   | 4.5   | 1.6    | 1.0     | .2      | .4      |         |         |         |         |      | 8.8   | 7.5                   |
| NNW                     | 1.9   | 4.0   | 2.0    | .3      |         |         |         |         |         |         |      | 8.2   | 5.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 16.2  |                       |
|                         | 15.1  | 31.9  | 15.9   | 12.5    | 5.4     | 2.9     | .1      |         |         |         |      | 100.7 | 6.7                   |

TOTAL NUMBER OF OBSERVATIONS

1076



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

LCY  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L & T)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.2   | 6.2   | 3.5    | .6      | .1      | .1      |         |         |         |         |      | 12.7  | 6.3                   |
| NNE                     | 1.0   | 4.3   | 2.6    | .7      | .4      |         | .1      |         |         |         |      | 9.1   | 7.2                   |
| NE                      | 1.7   | 3.2   | 2.5    | 1.9     | .5      | .1      |         |         |         |         |      | 9.9   | 7.8                   |
| ENE                     | .5    | 1.4   | 1.4    | 2.1     | .2      | .1      |         |         |         |         |      | 5.7   | 9.5                   |
| E                       | 1.1   | 1.5   | 1.1    | .7      |         |         |         |         |         |         |      | 4.5   | 6.7                   |
| ESE                     | .6    | .9    | .1     | .1      | .2      |         |         |         |         |         |      | 1.8   | 6.1                   |
| SE                      | .3    | .5    | .2     |         |         |         |         |         |         |         |      | .9    | 4.7                   |
| SSE                     |       | .2    | .6     |         |         |         |         |         |         |         |      | .7    | 7.8                   |
| S                       | .2    | .7    | .5     | .2      | .2      |         |         |         |         |         |      | 1.7   | 7.8                   |
| SSW                     | .2    | .1    | .3     | 1.7     | .8      | .7      |         |         |         |         |      | 3.7   | 15.7                  |
| SW                      | .3    | .7    | .7     | 6.6     | 3.2     | 1.6     | .1      |         |         |         |      | 13.1  | 19.5                  |
| WSW                     | .1    | .6    | 1.4    | 4.0     | 2.5     | .6      | .1      |         |         |         |      | 9.2   | 14.4                  |
| W                       | .3    | .4    | .5     | .9      | .3      | .2      |         |         |         |         |      | 2.5   | 11.5                  |
| WNW                     | .4    | .7    | .9     | 1.9     | 1.4     | .5      | .2      | .1      |         |         |      | 6.7   | 14.1                  |
| NW                      | .7    | 1.3   | 1.2    | .7      | .4      | .6      | .1      |         |         |         |      | 5.7   | 10.1                  |
| NNW                     | .9    | 2.3   | 1.8    | .6      | .1      |         |         |         |         |         |      | 5.7   | 6.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 8.5   |                       |
|                         | 9.4   | 24.9  | 19.5   | 22.7    | 10.1    | 4.3     | .6      | .1      |         |         |      | 100.7 | 9.3                   |

TOTAL NUMBER OF OBSERVATIONS

1074

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

10T  
MONTH

ALL WEATHER  
CLASS

1800-1700  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.7   | 4.1   | 2.7    | .4      | .1      |         |         |         |         |         |      | 8.9   | 6.1                   |
| NNE                     | .9    | 1.3   | 1.5    | .9      | .2      | .1      |         |         |         |         |      | 4.9   | 9.0                   |
| NE                      | 1.3   | 1.3   | 2.8    | 1.3     | .2      |         |         |         |         |         |      | 6.8   | 7.9                   |
| ENE                     | .8    | 1.2   | 2.7    | 1.6     | .3      |         |         |         |         |         |      | 6.8   | 9.9                   |
| E                       | .2    | .9    | 1.5    | .6      | .1      |         |         |         |         |         |      | 3.4   | 9.1                   |
| ESE                     | .2    | .2    | .3     | .1      |         |         |         |         |         |         |      | .8    | 6.1                   |
| SE                      |       | .1    |        | .2      | .1      |         |         |         |         |         |      | .4    | 13.8                  |
| SSE                     |       | .3    | .2     |         |         |         |         |         |         |         |      | .5    | 5.8                   |
| S                       |       | .3    | .4     | .2      |         |         |         |         |         |         |      | .8    | 8.4                   |
| SSW                     | .2    | .1    | 1.0    | 2.0     | 1.1     | .9      | .1      |         |         |         |      | 5.4   | 15.1                  |
| SW                      | .4    | .7    | 4.1    | 9.6     | 4.3     | 1.2     | .1      |         |         |         |      | 20.4  | 13.9                  |
| WSW                     |       | .3    | 2.4    | 5.9     | 2.1     | .9      |         |         |         |         |      | 11.6  | 14.2                  |
| W                       | .5    | .6    | 1.5    | 1.1     | .5      | .1      |         |         |         |         |      | 4.2   | 10.3                  |
| WNW                     | .2    | .6    | .8     | 3.0     | 2.1     | 1.4     | .3      |         |         |         |      | 8.4   | 15.9                  |
| NW                      | .6    | 1.4   | .9     | 1.7     | .7      | .8      | .2      |         |         |         |      | 6.4   | 12.1                  |
| NNW                     | .3    | 2.4   | .9     | .6      |         | .1      |         |         |         |         |      | 4.8   | 5.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 5.7   |                       |
|                         | 8.0   | 15.7  | 23.6   | 29.     | 11.8    | 5.5     | .6      |         |         |         |      | 100.0 | 10.7                  |

TOTAL NUMBER OF OBSERVATIONS 1285



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

ACT  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .5    | .6    | .1     |         | .1      |         |         |         |         |         |      | 1.2   | 5.3                   |
| NNE                    | .2    | .6    | .3     | .2      |         |         |         |         |         |         |      | 1.2   | 4.4                   |
| NE                     | .2    | .9    | .3     |         |         |         |         |         |         |         |      | 1.5   | 5.3                   |
| ENE                    | .2    | .5    | 1.3    |         |         |         |         |         |         |         |      | 2.0   | 6.8                   |
| E                      | .4    | 1.7   | 1.7    | .5      |         |         |         |         |         |         |      | 4.2   | 7.2                   |
| ESE                    | .1    | .4    | .9     | .4      |         |         |         |         |         |         |      | 1.8   | 8.0                   |
| SE                     | .9    | .8    | 1.0    | .2      |         |         |         |         |         |         |      | 3.0   | 6.1                   |
| SSE                    | .4    | .9    | .6     |         | .1      |         |         |         |         |         |      | 1.7   | 5.6                   |
| S                      | 1.3   | 4.0   | 3.1    | .1      |         |         |         |         |         |         |      | 8.5   | 5.9                   |
| SSW                    | .5    | 4.0   | 4.5    | 2.6     | .9      |         |         |         |         |         |      | 12.5  | 9.0                   |
| SW                     | 1.8   | 4.2   | 8.6    | 6.7     | 1.0     |         |         |         |         |         |      | 22.3  | 9.3                   |
| WSW                    | .6    | 2.2   | 3.8    | 2.4     | 1.0     |         |         |         |         |         |      | 10.1  | 9.6                   |
| W                      | .2    | 1.2   | 3.0    | 2.2     | .6      |         |         |         |         |         |      | 7.2   | 12.1                  |
| WNW                    | .1    | 1.5   | 2.6    | 3.0     | 1.3     | .3      | .3      |         |         |         |      | 9.0   | 12.2                  |
| NW                     | .6    | 1.0   | 1.1    | .5      | .6      | .2      | .1      |         |         |         |      | 4.0   | 9.9                   |
| NNW                    | .1    | .9    | .4     | .2      | .1      |         |         |         |         |         |      | 1.7   | 7.1                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 7.9   |                       |
|                        | 7.8   | 25.2  | 33.3   | 18.9    | 5.7     | .5      | .4      |         |         |         |      | 100.0 | 8.1                   |

TOTAL NUMBER OF OBSERVATIONS 1264



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

CT  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .2    | .4    | .4     |         |         |         |         |         |         |         |      | .6    | 5.5                   |
| NNE                     |       | .4    | .2     | .1      |         |         |         |         |         |         |      | .6    | 7.0                   |
| NE                      | .2    | .3    | .2     | .1      |         |         |         |         |         |         |      | .7    | 5.4                   |
| ENE                     | .1    | .2    | .2     |         |         |         |         |         |         |         |      | .5    | 6.0                   |
| E                       | .6    | .5    | 1.0    | .1      |         |         |         |         |         |         |      | 2.1   | 6.7                   |
| ESE                     | .3    | 1.3   | .9     | .2      |         |         |         |         |         |         |      | 2.7   | 6.4                   |
| SE                      | .8    | 2.7   | 1.0    | .2      |         |         |         |         |         |         |      | 4.7   | 5.7                   |
| SSE                     | .8    | 2.9   | 1.1    | .1      |         |         |         |         |         |         |      | 5.0   | 5.3                   |
| S                       | 2.3   | 11.7  | 6.1    | .4      |         |         |         |         |         |         |      | 20.6  | 5.9                   |
| SSW                     | 1.7   | 6.3   | 5.2    | 1.7     | .4      |         |         |         |         |         |      | 15.2  | 7.0                   |
| SW                      | 1.6   | 5.3   | 5.1    | 3.8     | .8      |         |         |         |         |         |      | 16.6  | 6.3                   |
| WSW                     | .3    | 2.3   | 2.6    | 2.2     | .5      |         |         |         |         |         |      | 8.0   | 8.9                   |
| W                       | .6    | 1.0   | 1.7    | 1.6     | .2      | .1      |         |         |         |         |      | 5.6   | 8.8                   |
| WNW                     | .4    | 1.2   | 1.7    | .9      | .5      | .2      | .1      |         |         |         |      | 5.0   | 9.9                   |
| NW                      | .3    | 1.7   | .9     | .1      | .1      |         |         |         |         |         |      | 3.0   | 6.5                   |
| NNW                     | .2    | .3    | .4     | .1      |         |         |         |         |         |         |      | .3    | 6.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 8.0   |                       |
|                         | 10.3  | 38.9  | 28.7   | 11.4    | 2.4     | .3      | .1      |         |         |         |      | 100.0 | 6.6                   |

TOTAL NUMBER OF OBSERVATIONS 1090



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .2    | .2    | .3     |         |         |         |         |         |         |         |      | .7    | 6.1                   |
| NNE                     |       | .1    | .1     |         |         |         |         |         |         |         |      | .2    | 5.5                   |
| NE                      | .1    | .3    |        | .1      |         |         |         |         |         |         |      | .4    | 7.1                   |
| ENE                     |       | .3    | .5     | .1      |         |         |         |         |         |         |      | .9    | 7.3                   |
| E                       | .1    | .6    | .8     | .5      |         |         |         |         |         |         |      | 2.9   | 9.2                   |
| ESE                     | .1    | .7    | .9     | .1      | .1      |         |         |         |         |         |      | 1.9   | 7.9                   |
| SE                      |       | 1.1   | 1.2    | .1      |         |         |         |         |         |         |      | 2.4   | 6.9                   |
| SSE                     | .3    | 1.5   | 1.1    | .1      | .1      |         |         |         |         |         |      | 3.1   | 6.4                   |
| S                       | 2.3   | 9.7   | 5.6    | .3      |         |         |         |         |         |         |      | 17.9  | 5.7                   |
| SSW                     | 2.1   | 8.4   | 3.3    | 1.3     | .2      | .1      | .1      |         |         |         |      | 15.4  | 6.4                   |
| SW                      | 4.9   | 9.7   | 3.3    | 1.9     | .3      | .6      |         |         |         |         |      | 20.3  | 6.5                   |
| WSW                     | 1.1   | 2.2   | 2.9    | 2.0     | .4      |         |         |         |         |         |      | 8.7   | 8.7                   |
| W                       | .7    | 1.8   | 1.4    | 1.5     | .4      | .3      |         |         |         |         |      | 6.1   | 9.4                   |
| WNW                     | .3    | 1.1   | 1.5    | 1.1     | 1.1     | .3      | .1      | .1      |         |         |      | 5.5   | 12.1                  |
| NW                      | .9    | 1.5   | .5     | .2      | .1      |         |         |         |         |         |      | 3.5   | 5.8                   |
| NNW                     | .2    | .5    | .5     |         |         |         |         |         |         |         |      | 1.2   | 5.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 10.0  |                       |
|                         | 12.8  | 39.6  | 24.2   | 9.2     | 2.7     | 1.2     | .2      | .1      |         |         |      | 100.0 | 6.4                   |

TOTAL NUMBER OF OBSERVATIONS 1104



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23162  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0200-0500  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .2    | .4    | .1     | .1      |         |         |         |         |         |         |      | .3    | 5.1                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| NE                      | .3    | .4    | .5     | .1      | .1      |         |         |         |         |         |      | 1.4   | 6.9                   |
| ENE                     |       |       | .6     | .1      |         |         |         |         |         |         |      | .7    | 9.1                   |
| E                       | .3    | .3    | .2     | .8      | .1      |         |         |         |         |         |      | 1.4   | 9.2                   |
| ESE                     |       | .1    | .5     | .3      | .1      |         |         |         |         |         |      | 1.0   | 10.6                  |
| SE                      | .2    | .9    | .7     | .1      |         |         |         |         |         |         |      | 1.9   | 6.2                   |
| SSE                     | .1    | 1.0   | .9     | .1      |         |         |         |         |         |         |      | 2.9   | 6.5                   |
| S                       | 2.8   | 9.0   | 4.0    | .3      |         |         |         |         |         |         |      | 16.1  | 5.4                   |
| SSW                     | 2.8   | 8.8   | 3.4    | .6      | .3      | .4      |         |         |         |         |      | 16.4  | 6.2                   |
| SW                      | 5.1   | 8.2   | 3.0    | 1.9     | .9      | .3      |         |         |         |         |      | 19.4  | 6.4                   |
| WSW                     | 1.3   | 2.2   | 1.5    | 1.6     | .6      |         |         |         |         |         |      | 7.4   | 8.1                   |
| W                       | 1.4   | 1.8   | .9     | 1.4     | .6      | .2      | .1      |         |         |         |      | 6.4   | 9.0                   |
| WNW                     | .8    | 1.6   | 2.0    | 1.1     | 1.1     | .4      | .1      |         |         |         |      | 7.1   | 10.6                  |
| NW                      | 1.2   | 1.4   | 1.0    | .3      | .1      |         |         |         |         |         |      | 4.2   | 5.9                   |
| NNW                     |       | .3    | .3     | .1      |         |         |         |         |         |         |      | .5    | 7.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 12.2  |                       |
|                         | 16.5  | 37.3  | 19.6   | 8.8     | 4.0     | 1.6     | .2      |         |         |         |      | 100.0 | 6.2                   |

TOTAL NUMBER OF OBSERVATIONS 1161



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

CV  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L S T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 1.2   | 1.0   | .3     |         |         |         |         |         |         |         |      | 2.5   | 4.4                   |
| NNE                    | .2    | .1    | .1     |         |         |         |         |         |         |         |      | .3    | 4.3                   |
| NE                     | .6    | .5    | .2     | .1      |         |         |         |         |         |         |      | 1.4   | 4.6                   |
| ENE                    | .1    | .1    | .2     | .3      | .1      |         |         |         |         |         |      | .2    | 11.1                  |
| E                      | .1    | .7    | .3     | .6      | .3      |         |         |         |         |         |      | 2.7   | 9.5                   |
| ESE                    | .3    | .4    | .3     | .4      | .2      |         |         |         |         |         |      | 1.6   | 9.1                   |
| SE                     | .6    | 1.2   | .3     | .1      |         |         |         |         |         |         |      | 2.2   | 4.9                   |
| SSE                    | .6    | 1.2   | .7     |         |         |         |         |         |         |         |      | 2.5   | 5.2                   |
| S                      | 3.2   | 7.3   | 2.6    | .3      | .1      | .1      |         |         |         |         |      | 13.6  | 5.2                   |
| SSW                    | 1.9   | 4.7   | 2.6    | .8      | .4      | .1      |         |         |         |         |      | 10.5  | 6.8                   |
| SW                     | 3.2   | 6.0   | 1.2    | 1.8     | .4      | .7      |         |         |         |         |      | 13.6  | 7.3                   |
| WSW                    | .7    | 1.7   | 1.3    | 1.6     | .6      | .2      |         |         |         |         |      | 6.1   | 9.6                   |
| W                      | 1.1   | 1.6   | 1.2    | .9      | .6      | .1      |         |         |         |         |      | 5.4   | 8.3                   |
| WNW                    | .7    | .8    | 1.0    | 1.0     | .4      | .8      | .1      |         |         |         |      | 4.8   | 12.1                  |
| NW                     | 1.4   | 1.6   | .6     | .6      |         | .3      | .1      |         |         |         |      | 4.5   | 7.4                   |
| NNW                    | .6    | 1.1   | .3     |         |         |         |         |         |         |         |      | 2.2   | 4.6                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 26.2  |                       |
|                        | 16.7  | 30.0  | 13.2   | 8.5     | 3.1     | 2.2     | .2      |         |         |         |      | 100.0 | 5.3                   |

TOTAL NUMBER OF OBSERVATIONS 1157



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23162  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 4.3   | 7.5   | 1.9    | .1      |         |         |         |         |         |         |      | 14.3  | 4.7                   |
| NNE                    | 2.0   | 2.2   | 1.5    | .6      | .1      |         |         |         |         |         |      | 6.3   | 6.0                   |
| NE                     | 1.6   | 1.4   | .8     | .8      | .2      |         |         |         |         |         |      | 4.3   | 6.7                   |
| ENE                    |       | 1.1   | .6     | 1.2     | .6      | .1      |         |         |         |         |      | 3.6   | 11.5                  |
| E                      | .4    | .3    | .3     | .6      | .5      | .3      |         |         |         |         |      | 2.0   | 11.7                  |
| ESE                    | .1    | .5    | .1     |         |         | .1      |         |         |         |         |      | .4    | 6.7                   |
| SE                     | .3    | .3    | .3     |         |         |         |         |         |         |         |      | .5    | 5.5                   |
| SSE                    | .2    | .3    | .1     | .1      |         |         |         |         |         |         |      | .2    | 5.7                   |
| S                      | .4    | .7    | .2     | .3      | .1      |         |         |         |         |         |      | 1.6   | 6.4                   |
| SSW                    | .2    | .3    | .3     | 1.1     | .9      | .4      |         |         |         |         |      | 3.1   | 14.9                  |
| SW                     | .3    |       | 1.3    | 2.5     | 1.9     | .7      |         |         |         |         |      | 6.9   | 14.5                  |
| WSW                    | .3    | .1    | .6     | 1.1     | .4      | .3      |         |         |         |         |      | 2.0   | 13.1                  |
| W                      | .2    | .3    | .4     | 1.0     | .5      | .2      |         |         |         |         |      | 2.3   | 13.3                  |
| WNW                    | .4    | 1.1   | .6     | 1.9     | 2.9     | 1.0     | .3      |         |         |         |      | 8.3   | 15.2                  |
| NW                     | 3.0   | 4.2   | 1.6    | 1.0     | 1.0     | .4      | .1      |         |         |         |      | 11.3  | 7.7                   |
| NNW                    | 2.0   | 4.5   | 1.5    | .2      |         |         |         |         |         |         |      | 8.1   | 3.1                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 21.0  |                       |
|                        | 16.4  | 25.2  | 12.1   | 12.4    | 9.0     | 3.5     | .4      |         |         |         |      | 100.0 | 7.1                   |

TOTAL NUMBER OF OBSERVATIONS

1157



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

29182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

12V  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 2.8   | 5.2   | 2.9    | .6      | .1      |         |         |         |         |         |      | 11.5  | 5.4                   |
| NNE                    | .8    | 2.8   | 2.8    | .8      | .2      |         |         |         |         |         |      | 7.5   | 7.2                   |
| NE                     | 2.4   | 3.1   | 2.7    | 2.3     | .6      | .1      |         |         |         |         |      | 11.2  | 8.1                   |
| ENE                    | 1.0   | 2.0   | 1.8    | 2.2     | .8      | .1      |         |         |         |         |      | 7.8   | 9.4                   |
| E                      | .9    | .7    | .6     | 1.1     | .3      | .1      |         |         |         |         |      | 2.2   | 9.3                   |
| ESE                    |       | .5    | .2     | .2      |         |         |         |         |         |         |      | .9    | 7.0                   |
| SE                     | .2    | .5    | .1     |         |         |         |         |         |         |         |      | .9    | 4.3                   |
| SSE                    | .1    | .1    | .1     |         |         |         |         |         |         |         |      | .3    | 5.3                   |
| S                      | .1    | .3    | .2     | .2      | .1      |         |         |         |         |         |      | .9    | 8.5                   |
| SSW                    | .1    | .1    | .2     | .8      | 1.6     | .6      |         |         |         |         |      | 3.4   | 17.3                  |
| SW                     | .2    | .2    | .9     | 3.5     | 2.7     | 1.0     |         |         |         |         |      | 8.5   | 15.9                  |
| WSW                    | .1    | .3    | 1.1    | 1.4     | 1.8     | .2      |         |         |         |         |      | 4.0   | 14.2                  |
| W                      | .3    | .2    | .5     | 1.3     | .9      | .8      |         |         |         |         |      | 4.0   | 14.5                  |
| WNW                    | .2    | .5    | .9     | 1.5     | 2.7     | 2.6     | .3      |         |         |         |      | 8.6   | 17.6                  |
| NW                     | .9    | 1.7   | .9     | .5      | .5      | 1.0     | .2      |         |         |         |      | 8.9   | 11.1                  |
| NNW                    | .9    | 2.6   | 1.3    | .5      |         |         |         |         |         |         |      | 5.2   | 6.1                   |
| VAPBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 14.7  |                       |
|                        | 11.2  | 20.8  | 17.2   | 16.9    | 12.2    | 6.5     | .4      |         |         |         |      | 100.0 | 9.1                   |

TOTAL NUMBER OF OBSERVATIONS 1161



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 3.0   | 4.9   | 2.5    | .1      |         |         |         |         |         |         |      | 10.4  | 5.1                   |
| NNE                     | 1.0   | 2.2   | 2.1    | .7      | .2      |         |         |         |         |         |      | 6.1   | 7.2                   |
| NE                      | 1.3   | 1.4   | 2.4    | 1.2     | .1      |         |         |         |         |         |      | 6.4   | 7.6                   |
| ENE                     | .3    | 1.2   | 2.9    | 1.4     | .3      | .1      |         |         |         |         |      | 6.2   | 9.4                   |
| E                       | .3    | .6    | 2.0    | 1.0     | .2      |         |         |         |         |         |      | 4.1   | 9.3                   |
| ESE                     | .2    | .4    | .1     | .3      |         |         |         |         |         |         |      | 1.3   | 5.9                   |
| SE                      |       | .4    | .2     |         |         |         |         |         |         |         |      | .4    | 6.1                   |
| SSE                     | .1    | .7    |        |         |         |         |         |         |         |         |      | .5    | 4.4                   |
| S                       | .6    | .6    | .3     | .3      | .3      | .1      |         |         |         |         |      | 2.1   | 8.3                   |
| SSW                     | .4    | .2    | .3     | 2.0     | .6      | .3      |         |         |         |         |      | 4.2   | 12.3                  |
| SW                      | .5    | .9    | 2.3    | 4.1     | 3.1     | .6      | .1      |         |         |         |      | 11.7  | 13.5                  |
| WSW                     | .1    | 1.0   | 1.7    | 2.9     | .9      |         |         |         |         |         |      | 6.6   | 11.2                  |
| W                       | .3    | 1.1   | 1.6    | 1.7     | 1.5     | .6      |         |         |         |         |      | 6.8   | 12.5                  |
| WNW                     | .1    | .8    | .9     | 2.8     | 4.5     | 1.7     | .1      |         |         |         |      | 10.9  | 16.4                  |
| NW                      | .3    | 1.2   | .6     | 1.0     | .9      | .7      |         |         |         |         |      | 4.1   | 12.7                  |
| NNW                     | .4    | 1.0   | 1.0    | .3      |         |         |         |         |         |         |      | 2.7   | 6.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 14.4  |                       |
|                         | 9.2   | 19.0  | 20.9   | 19.7    | 12.5    | 4.1     | .2      |         |         |         |      | 100.0 | 9.0                   |

TOTAL NUMBER OF OBSERVATIONS

1150



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

SEV  
MONTH

ALL WEATHER  
CLASS

10-0-2000  
HOURS (LST)

CONDITION

| SPEED<br>(KNT.)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .1    | .3    | .3     | .4      |         |         |         |         |         |         |      | .8    | 6.7                   |
| NNE                     |       | .3    | .1     | .2      |         |         |         |         |         |         |      | .3    | 7.7                   |
| NE                      | .2    | .5    | .2     | .3      |         |         |         |         |         |         |      | 1.2   | 7.1                   |
| ENE                     | .2    | .3    | .6     | .5      |         |         |         |         |         |         |      | 1.4   | 8.7                   |
| E                       | .3    | .8    | 1.7    | .2      |         |         |         |         |         |         |      | 2.3   | 7.5                   |
| ESE                     | .1    | .4    | 1.3    | .6      | .1      |         |         |         |         |         |      | 2.5   | 9.5                   |
| SE                      | 1.1   | 1.0   | .4     |         |         |         |         |         |         |         |      | 2.5   | 4.7                   |
| SSE                     | 1.0   | 1.2   | .6     |         |         |         |         |         |         |         |      | 2.4   | 4.8                   |
| S                       | 3.6   | 9.0   | 3.9    | .3      | .1      | .1      |         |         |         |         |      | 17.0  | 5.6                   |
| SSW                     | 1.1   | 5.8   | 3.8    | 1.6     | .4      | .2      |         |         |         |         |      | 13.7  | 7.5                   |
| SW                      | 1.8   | 7.4   | 5.4    | 3.3     | 1.3     | .3      |         |         |         |         |      | 19.4  | 8.4                   |
| WSW                     | .7    | 1.6   | 3.2    | 2.8     | .5      | .1      |         | .1      |         |         |      | 9.9   | 10.2                  |
| W                       | .3    | .9    | 1.9    | 2.0     | .9      | .3      |         |         |         |         |      | 6.1   | 11.5                  |
| WNW                     | .2    | 1.3   | 2.1    | 1.9     | .9      | .3      |         |         |         |         |      | 6.7   | 11.3                  |
| NW                      | .2    | 1.1   | 1.1    | .6      | .3      | .1      |         |         |         |         |      | 3.5   | 9.6                   |
| NNW                     | .2    | .7    | .3     | .2      |         |         |         |         |         |         |      | 1.4   | 6.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 9.3   |                       |
|                         | 10.9  | 32.4  | 27.1   | 14.4    | 4.5     | 1.3     |         | .1      |         |         |      | 100.0 | 7.3                   |

TOTAL NUMBER OF OBSERVATIONS

1136



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

IV  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | .3    | .0    | .4     |         |         |         |         |         |         |         |      | 1.3   | 5.5                   |
| NNE                    | .2    | .5    | .2     |         |         |         |         |         |         |         |      | .6    | 5.3                   |
| NE                     | .2    | .4    |        |         |         |         |         |         |         |         |      | .4    | 4.4                   |
| ENE                    |       | .3    | .3     | .2      |         |         |         |         |         |         |      | .3    | 8.7                   |
| E                      | .1    | .3    | 1.1    | .5      |         |         |         |         |         |         |      | 2.0   | 8.9                   |
| ESE                    | .2    | .5    | 1.4    | .5      | .1      |         |         |         |         |         |      | 2.7   | 8.3                   |
| SE                     | .6    | 1.2   | .5     |         |         |         |         |         |         |         |      | 2.3   | 5.1                   |
| SSE                    | .9    | 2.0   | 1.6    |         |         |         |         |         |         |         |      | 4.4   | 5.5                   |
| S                      | 2.3   | 9.1   | 5.1    | .3      |         |         |         |         |         |         |      | 16.2  | 5.7                   |
| SSW                    | 2.6   | 8.4   | 2.4    | .7      | .4      | .2      |         |         |         |         |      | 15.7  | 6.2                   |
| SW                     | 2.5   | 7.0   | 3.3    | 3.0     | .5      | .5      | .1      |         |         |         |      | 16.6  | 7.8                   |
| WSW                    | .7    | 2.1   | 3.0    | 2.7     | .5      |         |         |         |         |         |      | 9.7   | 9.2                   |
| W                      | 1.2   | 1.6   | 2.0    | 1.3     | .6      | .3      |         |         |         |         |      | 7.2   | 9.4                   |
| WNW                    | .4    | 1.7   | 1.5    | 1.9     | 1.1     | .4      |         |         |         |         |      | 7.1   | 10.8                  |
| NW                     | .9    | 1.7   | .4     | .2      | .1      |         |         |         |         |         |      | 3.4   | 5.8                   |
| NNW                    | .3    | .4    | .2     |         |         |         |         |         |         |         |      | .9    | 4.7                   |
| VAPBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 9.1   |                       |
|                        | 13.4  | 37.9  | 23.3   | 11.4    | 3.4     | 1.6     | .1      |         |         |         |      | 100.0 | 6.7                   |

TOTAL NUMBER OF OBSERVATIONS

1161



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

| SPEED<br>(KNOTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %    | MEAN<br>WIND<br>SPEED |
|--------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N                        | .3    | .8    | .3     |         | .2      |         |         |         |         |         |      | 1.4  | 6.6                   |
| NNE                      | .3    | .3    | .3     | .2      |         | .2      |         |         |         |         |      | 1.7  | 9.1                   |
| NE                       | .5    | .3    | .5     |         | .1      |         |         |         |         |         |      | 1.4  | 6.4                   |
| ENE                      | .1    | .2    | .3     |         | .1      |         |         |         |         |         |      | .5   | 8.1                   |
| E                        | .2    | .7    | .6     | .8      | .1      |         |         |         |         |         |      | 2.2  | 9.1                   |
| ESE                      | .3    | .5    | .6     | .3      | .1      |         |         |         |         |         |      | 1.8  | 7.8                   |
| SE                       | .5    | .9    | .3     | .3      | .1      |         |         |         |         |         |      | 2.1  | 6.6                   |
| SSE                      | .2    | 1.8   | .7     |         |         |         |         |         |         |         |      | 2.7  | 5.4                   |
| S                        | 2.1   | 8.2   | 3.5    | .3      | .1      |         |         |         |         |         |      | 14.5 | 5.7                   |
| SSW                      | 1.7   | 6.9   | 2.8    | .8      | .3      | .1      |         |         |         |         |      | 12.4 | 6.2                   |
| SW                       | 3.3   | 8.4   | 3.1    | 2.8     | 1.2     | .8      |         |         |         |         |      | 19.8 | 7.9                   |
| WSW                      | .9    | 1.9   | 1.9    | 1.0     | .4      | .2      |         |         |         |         |      | 6.2  | 8.5                   |
| W                        | .9    | 2.1   | 1.9    | 1.8     | 1.0     | .1      | .1      |         |         |         |      | 7.9  | 9.7                   |
| WNW                      | .7    | 1.5   | 1.3    | 1.1     | .3      | .6      | .1      |         |         |         |      | 5.5  | 10.4                  |
| NW                       | 1.2   | 1.6   | 1.1    | .3      | .4      |         |         |         |         |         |      | 4.5  | 7.2                   |
| NNW                      | .3    | .8    | .6     |         | .1      |         |         |         |         |         |      | 1.5  | 6.2                   |
| VARBL                    |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| CALM                     |       |       |        |         |         |         |         |         |         |         |      | 13.9 |                       |
|                          | 13.3  | 36.8  | 20.1   | 9.5     | 4.3     | 1.9     | .2      |         |         |         |      | 100. | 6.4                   |

TOTAL NUMBER OF OBSERVATIONS 1197



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

°C  
MONTH  
0300-0500  
HOURS (LST)

ALL WEATHER  
CLASS

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .4    | .6    | .4     |         |         |         |         |         |         |         |      | 1.4   | 5.1                   |
| NNE                     | .4    | .3    | .2     |         |         |         |         |         |         |         |      | .5    | 4.6                   |
| NE                      | .3    | .2    | .2     |         | .2      |         |         |         |         |         |      | .5    | 7.7                   |
| ENE                     | .3    | .2    | .4     | .1      |         |         |         |         |         |         |      | .9    | 6.4                   |
| E                       | .2    | .3    | .5     | .3      |         | .1      |         |         |         |         |      | 1.4   | 8.7                   |
| ESE                     | .2    | .2    | .3     | .3      |         |         |         |         |         |         |      | .5    | 8.2                   |
| SE                      | .2    | .5    | .6     |         | .3      |         |         |         |         |         |      | 1.0   | 7.4                   |
| SSE                     | .5    | 2.1   | .6     |         |         |         |         |         |         |         |      | 3.2   | 5.1                   |
| S                       | 2.1   | 7.3   | 3.5    | .3      |         |         |         |         |         |         |      | 13.1  | 5.7                   |
| SSW                     | 2.1   | 9.5   | 3.1    | .3      | .3      |         |         |         |         |         |      | 14.2  | 5.7                   |
| SW                      | 3.3   | 6.1   | 2.9    | 2.1     | 1.1     | .4      | .1      |         |         |         |      | 18.1  | 7.5                   |
| WSW                     | 1.0   | 2.2   | 2.0    | 1.8     | .8      |         |         |         |         |         |      | 7.7   | 9.0                   |
| W                       | 1.4   | 1.8   | 1.2    | 1.4     | .8      | .4      | .1      |         |         |         |      | 7.1   | 10.0                  |
| WNW                     | .0    | 1.5   | 1.7    | 1.1     | .5      | .6      |         |         |         |         |      | 6.2   | 10.1                  |
| NW                      | 1.2   | 1.8   | 1.0    | .1      |         | .3      | .1      |         |         |         |      | 4.4   | 6.9                   |
| NNW                     | .2    | .4    | .4     | .2      |         |         |         |         |         |         |      | 1.2   | 7.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALN                    |       |       |        |         |         |         |         |         |         |         |      | 16.7  |                       |
|                         | 14.9  | 35.7  | 18.9   | 7.9     | 3.8     | 1.8     | .3      |         |         |         |      | 100.0 | 6.0                   |

TOTAL NUMBER OF OBSERVATIONS 1195



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                      | 1.0   | 1.1   | .2     | .1      |         |         |         |         |         |         |      | 2.3   | 4.6                   |
| NNE                    | .2    | .3    | .1     |         |         |         |         |         |         |         |      | .5    | 5.5                   |
| NE                     | .2    | .6    | .2     |         |         |         |         |         |         |         |      | .5    | 5.5                   |
| ENE                    |       | .3    | .2     |         |         |         |         |         |         |         |      | .5    | 6.0                   |
| E                      | .2    | .3    | .3     | .4      | .1      | .1      |         |         |         |         |      | 1.4   | 9.3                   |
| ESE                    | .2    | .4    | .6     | .3      | .1      |         |         |         |         |         |      | 1.4   | 8.7                   |
| SE                     | .6    | .8    | .3     | .3      |         | .1      |         |         |         |         |      | 1.9   | 6.3                   |
| SSE                    | .6    | 1.7   | .5     |         |         |         |         |         |         |         |      | 2.1   | 4.9                   |
| S                      | 2.8   | 6.7   | 3.1    |         | .1      |         |         |         |         |         |      | 12.4  | 5.3                   |
| SSW                    | 1.4   | 4.6   | .8     | .3      | .3      |         |         |         |         |         |      | 7.4   | 5.7                   |
| SW                     | 3.8   | 5.2   | 3.6    | 2.3     | .8      | .7      |         |         |         |         |      | 16.2  | 7.5                   |
| WSW                    | .9    | 1.7   | 1.3    | 1.2     | .6      | .2      |         |         |         |         |      | 5.0   | 8.9                   |
| W                      | 1.1   | 1.9   | 1.4    | 1.5     | 1.1     | .3      |         |         |         |         |      | 7.4   | 10.1                  |
| WNW                    | .8    | 2.3   | 1.1    | 1.8     | 1.1     | .8      | .1      |         |         |         |      | 7.9   | 11.3                  |
| NW                     | 1.2   | 2.4   | .8     | .5      | .1      | .2      | .2      |         |         |         |      | 2.4   | 7.1                   |
| NNW                    | .7    | .8    | .2     | .1      |         |         |         |         |         |         |      | 1.1   | 4.9                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 23.5  |                       |
|                        | 15.4  | 31.1  | 14.6   | 8.8     | 4.1     | 2.3     | .3      |         |         |         |      | 100.0 | 5.7                   |

TOTAL NUMBER OF OBSERVATIONS 1194



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 4.1   | 5.7   | 1.8    | .4      |         |         |         |         |         |         |      | 12.1  | 4.9                   |
| NNE                     | 1.1   | 1.6   | 1.1    | .4      | .1      |         |         |         |         |         |      | 4.3   | 6.1                   |
| NE                      | .7    | .8    | .6     | .7      | .3      | .1      |         |         |         |         |      | 3.2   | 8.5                   |
| ENE                     | .4    | .6    | .3     | .4      | .4      | .1      |         |         |         |         |      | 2.1   | 9.7                   |
| E                       | .7    | .4    | .4     | .6      | .4      | .2      |         |         |         |         |      | 2.7   | 10.3                  |
| ESE                     | .3    | .3    | .2     | .2      | .3      | .1      |         |         |         |         |      | 1.3   | 10.6                  |
| SE                      | .3    | .3    | .1     | .2      |         |         |         |         |         |         |      | .7    | 5.4                   |
| SSE                     | .3    | .3    | .1     |         |         |         |         |         |         |         |      | .6    | 4.3                   |
| S                       | .4    | .5    | .3     | .3      | .1      | .1      | .1      |         |         |         |      | 1.7   | 8.9                   |
| SSW                     |       | .2    | .2     | .9      | .3      | .3      |         |         |         |         |      | 1.9   | 14.7                  |
| SW                      | .4    | .7    | .4     | 1.8     | 1.5     | .4      | .2      |         |         |         |      | 5.4   | 14.1                  |
| WSW                     |       | .3    | .7     | 1.0     | 1.7     |         |         |         |         |         |      | 2.6   | 14.5                  |
| W                       | .6    | .2    | .6     | 2.0     | .9      | .8      | .3      |         |         |         |      | 5.4   | 15.0                  |
| WNW                     | .8    | 1.3   | 1.5    | 1.6     | 1.6     | 1.3     | .3      | .1      |         |         |      | 8.3   | 13.5                  |
| NW                      | 1.9   | 2.9   | 1.9    | 1.6     | .4      | .1      |         |         |         |         |      | 11.0  | 6.9                   |
| NNW                     | 2.3   | 4.3   | 2.8    | .3      | .2      |         |         |         |         |         |      | 9.1   | 5.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 25.2  |                       |
|                         | 14.1  | 23.2  | 12.9   | 12.2    | 8.2     | 3.3     | .8      | .1      |         |         |      | 100.1 | 6.8                   |

TOTAL NUMBER OF OBSERVATIONS 1195



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23102  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 2.8   | 4.8   | 2.4    | .5      |         | .1      |         |         |         |         |      | 10.7  | 5.6                   |
| NNE                     | 1.0   | 3.3   | 2.8    | 1.0     | .3      | .1      |         |         |         |         |      | 2.5   | 7.5                   |
| NE                      | 1.2   | 2.6   | 2.1    | 1.6     | .6      | .1      |         |         |         |         |      | 2.1   | 8.3                   |
| ENE                     | .4    | .6    | 1.2    | 1.8     | 1.0     |         |         | .1      |         |         |      | 5.1   | 12.0                  |
| E                       | .1    | .3    | .9     | 1.6     | .3      | .3      |         |         |         |         |      | 3.5   | 12.3                  |
| ESE                     | .3    | .3    | .1     |         | .3      | .2      |         |         |         |         |      | 1.1   | 10.2                  |
| SE                      | .3    | .3    |        |         |         |         |         |         |         |         |      | .7    | 4.1                   |
| SSE                     |       |       |        |         | .1      |         |         |         |         |         |      | .1    | 17.0                  |
| S                       | .3    | .3    | .2     | .1      | .1      | .3      | .2      |         |         |         |      | 1.2   | 12.8                  |
| SSW                     |       | .2    | .3     | 1.0     | .5      | .5      |         |         |         |         |      | 2.5   | 15.6                  |
| SW                      | .3    | .3    | .8     | 1.8     | 2.1     | 2.0     | .3      |         |         |         |      | 7.5   | 17.1                  |
| WSW                     | .1    | .4    | .3     | 1.8     | .8      | .4      |         |         |         |         |      | 3.7   | 14.3                  |
| W                       | .6    | .3    | .7     | .8      | 1.0     | .8      | .7      |         |         |         |      | 4.9   | 16.0                  |
| WNW                     | .3    | 1.0   | .3     | 1.9     | 2.8     | 1.8     | .4      | .2      |         |         |      | 8.6   | 17.3                  |
| NW                      | 2.7   | 2.6   | 1.8    | 1.5     | 1.3     | .5      | .2      |         |         |         |      | 10.9  | 9.1                   |
| NNW                     | 1.5   | 3.4   | 1.1    | .2      | .2      | .2      |         |         |         |         |      | 6.5   | 5.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 16.4  |                       |
|                         | 11.9  | 20.8  | 14.8   | 15.4    | 11.3    | 7.1     | 1.8     | .3      |         |         |      | 100.1 | 9.1                   |

TOTAL NUMBER OF OBSERVATIONS 1194



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

EC  
MONTH

ALL WEATHER  
CLASS

15°C-17°C  
HOURS (LST)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %    | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N                       | 2.7   | 4.4   | 2.0    | .3      |         |         |         |         |         |         |      | 9.4  | 5.1                   |
| NNE                     | 1.0   | 2.2   | 2.5    | .5      | .2      |         |         |         |         |         |      | 6.4  | 7.7                   |
| NE                      | 1.2   | 2.5   | 1.1    | 1.1     | .4      | .1      |         |         |         |         |      | 6.5  | 7.3                   |
| ENE                     | .3    | 1.6   | 2.6    | 2.2     | .4      | .1      |         |         |         |         |      | 7.1  | 9.6                   |
| E                       | .7    | 1.2   | 1.9    | .5      | .1      | .1      |         |         |         |         |      | 4.4  | 8.1                   |
| ESE                     | .3    | .3    | .3     | .4      | .1      |         |         |         |         |         |      | 1.2  | 9.3                   |
| SE                      | .3    | .6    | .3     | .3      |         |         |         |         |         |         |      | 1.4  | 6.3                   |
| SSE                     | .3    | .5    |        | .2      |         |         |         |         |         |         |      | 1.2  | 5.3                   |
| S                       | .3    | .7    | .1     | .2      | .2      |         | .2      |         |         |         |      | 1.4  | 9.9                   |
| SSW                     | .1    | .5    | .8     | 1.3     | .7      | .3      |         |         |         |         |      | 3.4  | 12.7                  |
| SW                      | .3    | .8    | 1.0    | 2.6     | 1.8     | 1.6     | .2      |         |         |         |      | 9.2  | 15.1                  |
| WSW                     | .2    | .7    | 1.1    | 1.9     | .6      | .4      | .1      |         |         |         |      | 4.9  | 12.5                  |
| W                       | .6    | .8    | 1.3    | 1.7     | 1.0     | .8      | .3      | .1      |         |         |      | 6.5  | 13.8                  |
| WNW                     | .3    | .7    | 1.6    | 2.9     | 1.9     | 2.0     | .3      | .1      |         |         |      | 9.9  | 15.6                  |
| NW                      | .9    | 1.4   | 1.3    | 2.2     | 1.3     | .6      | .1      |         |         |         |      | 7.2  | 11.7                  |
| NNW                     | 1.2   | 2.5   | .5     | .1      | .3      |         |         |         |         |         |      | 4.4  | 5.9                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 13.3 |                       |
|                         | 10.6  | 21.3  | 12.5   | 18.2    | 8.9     | 6.0     | 1.1     | .2      |         |         |      | 10.7 | 8.4                   |

TOTAL NUMBER OF OBSERVATIONS 1132



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

JEC  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L S T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .3    | .5    |        | .1      |         |         |         |         |         |         |      | .3    | 5.1                   |
| NNE                     | .3    | .3    | .9     | .2      | .1      |         |         |         |         |         |      | 1.3   | 8.1                   |
| NE                      | .1    | 1.0   | .5     | .1      | .1      |         |         |         |         |         |      | 1.3   | 7.2                   |
| ENE                     | .3    | .4    | 1.2    | .5      | .1      |         |         |         |         |         |      | 2.4   | 9.0                   |
| E                       | .1    | 1.2   | 1.6    | .4      | .3      |         |         |         |         |         |      | 3.3   | 8.6                   |
| ESE                     | .2    | 1.2   | 1.8    | .3      |         |         |         |         |         |         |      | 3.3   | 7.1                   |
| SE                      | .8    | 1.7   | .3     | .5      |         | .1      |         |         |         |         |      | 3.3   | 6.4                   |
| SSE                     | .7    | 1.8   | .7     |         |         |         |         |         |         |         |      | 3.2   | 5.2                   |
| S                       | 1.4   | 6.8   | 3.5    | .1      | .1      |         |         |         |         |         |      | 11.9  | 5.8                   |
| SSW                     | 1.6   | 8.0   | 4.0    | 1.3     | .2      | .1      |         |         |         |         |      | 13.2  | 6.3                   |
| SW                      | 1.9   | 5.6   | 3.7    | 2.2     | 1.6     | 1.1     | .2      |         |         |         |      | 16.2  | 9.4                   |
| WSW                     | .7    | 1.5   | 2.1    | 1.4     | 1.2     | .3      |         |         |         |         |      | 7.2   | 10.9                  |
| W                       | 1.1   | 2.4   | 1.8    | 1.3     | 1.0     | .2      | .1      |         |         |         |      | 7.4   | 9.2                   |
| WNW                     | .4    | .9    | 1.3    | 2.2     | .9      | .3      |         |         |         |         |      | 6.1   | 11.3                  |
| NW                      | .2    | 1.2   | 1.7    | .7      | .4      | .2      |         |         |         |         |      | 4.1   | 10.1                  |
| NNW                     | .3    | .4    | .1     | .2      |         |         |         |         |         |         |      | 1.2   | 5.6                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 10.3  |                       |
|                         | 10.3  | 34.8  | 25.3   | 11.3    | 5.8     | 2.3     | .3      |         |         |         |      | 100.3 | 7.4                   |

TOTAL NUMBER OF OBSERVATIONS 1198



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

| SPEED<br>(KN'S)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | .4    | .6    | .3     | .1      |         |         |         |         |         |         |      | 1.3   | 5.1                   |
| NNE                     | .2    | .8    | .4     | .1      | .1      | .1      |         |         |         |         |      | 1.6   | 7.6                   |
| NE                      | .2    | .2    | .4     | .2      | .1      |         |         |         |         |         |      | 1.0   | 8.6                   |
| ENE                     | .1    | .3    | .5     |         |         | .1      |         |         |         |         |      | .7    | 8.2                   |
| E                       | .5    | .4    | 1.3    | .6      | .2      |         |         |         |         |         |      | 2.6   | 8.5                   |
| ESE                     | .2    | .3    | 1.4    | .2      |         |         |         |         |         |         |      | 2.1   | 8.2                   |
| SE                      | .7    | 1.2   | .3     | .2      |         |         |         |         |         |         |      | 2.3   | 5.2                   |
| SSE                     | .6    | 1.5   | .8     |         |         |         |         |         |         |         |      | 2.9   | 5.6                   |
| S                       | 2.5   | 8.5   | 4.7    | .2      |         |         |         |         |         |         |      | 15.0  | 5.6                   |
| SSW                     | 2.3   | 9.2   | 3.5    | .3      | .8      | .1      |         |         |         |         |      | 16.2  | 6.2                   |
| SW                      | 2.4   | 5.6   | 2.9    | 1.8     | .9      | 1.1     |         |         |         |         |      | 14.1  | 8.5                   |
| WSW                     | .8    | 1.9   | 2.1    | 1.3     | .7      | .3      |         |         |         |         |      | 7.1   | 9.0                   |
| W                       | 1.1   | 2.6   | 1.8    | 1.3     | .3      | .5      | .1      |         |         |         |      | 7.8   | 9.1                   |
| WNW                     | .8    | 1.8   | 2.3    | 1.8     | .3      | .4      | .1      |         |         |         |      | 7.5   | 9.4                   |
| NW                      | .4    | 1.4   | 1.5    | .8      |         |         |         |         |         |         |      | 4.1   | 7.3                   |
| NNW                     | .2    | .9    | .2     | .2      | .2      |         |         |         |         |         |      | 1.4   | 7.5                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 10.1  |                       |
|                         | 13.2  | 37.0  | 24.5   | 9.0     | 3.5     | 2.5     | .2      |         |         |         |      | 100.0 | 6.7                   |

TOTAL NUMBER OF OBSERVATIONS

1194

USAFETAC FORM  
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

40-54, 61-64, 71-73  
YEARS

ALL  
MONTH

INSTRUMENT  
CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,  
CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI w/ CIG 200 FT OR MORE

ALL  
HOURS (LST)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.0   | 2.0   | 1.9    | 1.0     | .2      | .2      |         |         |         |         |      | 6.2   | 8.0                   |
| NNE                     | 1.0   | .3    | 3.6    | 1.9     | .2      | .2      | .2      | .3      |         |         |      | 7.7   | 11.0                  |
| NE                      | .3    | 1.5   | 1.5    | .3      | .2      | .3      |         |         |         |         |      | 4.2   | 9.0                   |
| ENE                     | .7    | 1.0   | .5     | .5      | .3      | .7      |         |         |         |         |      | 3.7   | 11.2                  |
| E                       | .3    | 1.2   | .5     | .2      |         |         |         |         |         |         |      | 2.2   | 5.7                   |
| ESE                     |       | .3    | 1.0    | .2      |         |         |         |         |         |         |      | 1.3   | 8.4                   |
| SE                      | .3    | 1.0   | .3     |         |         |         |         |         |         |         |      | 1.7   | 5.1                   |
| SSE                     | .3    | .3    | .9     | .2      | .2      |         |         |         |         |         |      | 2.1   | 7.1                   |
| S                       | 1.0   | 1.0   | .3     | .2      | .3      | .2      | .2      |         |         |         |      | 3.2   | 8.9                   |
| SSW                     | .3    | .3    | .3     | 1.7     | .7      | .3      |         |         |         |         |      | 3.9   | 13.0                  |
| SW                      | .9    | .7    | .7     | 1.5     | 1.5     | 2.2     | .2      | .5      |         |         |      | 8.2   | 17.0                  |
| WSW                     | .7    | .9    | .3     | 2.0     | .9      | .5      | .2      |         |         |         |      | 5.5   | 12.9                  |
| W                       | 1.0   | 1.5   | 1.5    | 1.4     | .7      | .5      | .2      |         |         | .2      |      | 7.1   | 11.9                  |
| WNW                     | .5    | 2.2   | 2.2    | 1.9     | 1.5     | 1.9     | .9      | .8      |         |         |      | 11.6  | 15.0                  |
| NW                      | 1.2   | 2.7   | 1.4    | .9      | .5      | .2      | .7      |         |         |         |      | 7.5   | 9.8                   |
| NNW                     | .9    | 2.0   | 1.4    | .2      |         |         |         |         |         |         |      | 4.4   | 6.1                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 19.3  |                       |
|                         | 10.7  | 19.4  | 18.4   | 14.0    | 7.2     | 7.2     | 2.4     | 1.4     |         | .2      |      | 100.0 | 11.1                  |

TOTAL NUMBER OF OBSERVATIONS

307



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side



EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
|-------------------|----------------------------|----------|----------|----------|----------|---------------------|----------|---------------------|---------------------|----------|--------------------|--------------------|--------------------|--------------------|---------------------|----------|
|                   | $\geq 10$                  | $\geq 6$ | $\geq 5$ | $\geq 4$ | $\geq 3$ | $\geq 2\frac{1}{2}$ | $\geq 2$ | $\geq 1\frac{1}{2}$ | $\geq 1\frac{1}{4}$ | $\geq 1$ | $\geq \frac{3}{4}$ | $\geq \frac{1}{2}$ | $\geq \frac{1}{4}$ | $\geq \frac{1}{8}$ | $\geq \frac{1}{16}$ | $\geq 0$ |
| NO CEILING        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 1800$       |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 1500$       |                            |          |          |          | 91.0     |                     |          |                     |                     |          |                    |                    |                    |                    |                     | 92.6     |
| $\geq 1200$       |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 1000$       |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 900$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 800$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 700$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 600$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 500$        |                            |          |          |          |          |                     |          |                     |                     | 97.4     |                    |                    |                    |                    |                     | 98.1     |
| $\geq 400$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 300$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 200$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 100$        |                            |          |          |          |          |                     |          |                     |                     |          |                    |                    |                    |                    |                     |          |
| $\geq 0$          |                            |          |          |          | 95.4     |                     | 96.9     |                     |                     | 98.3     |                    |                    |                    |                    |                     | 100.0    |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.



#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but < 3 miles; or ceiling  $\geq 500$  feet, but < 1500 feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-73  
YEARS

ALL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |       |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0  |
| NO CEILING        | 83.9                       | 85.6 | 85.9 | 86.0 | 86.1 | 86.1  | 86.2 | 86.2  | 86.2  | 86.2 | 86.2 | 86.2 | 86.2 | 86.2  | 86.2 | 86.2 |
| ≥ 20000           | 87.9                       | 89.8 | 90.1 | 90.2 | 90.3 | 90.3  | 90.4 | 90.4  | 90.4  | 90.4 | 90.4 | 90.4 | 90.4 | 90.4  | 90.4 | 90.4 |
| ≥ 18000           | 88.3                       | 90.1 | 90.4 | 90.6 | 90.7 | 90.7  | 90.7 | 90.7  | 90.7  | 90.7 | 90.7 | 90.7 | 90.7 | 90.7  | 90.7 | 90.8 |
| ≥ 16000           | 88.6                       | 90.3 | 90.8 | 91.0 | 91.0 | 91.1  | 91.1 | 91.1  | 91.1  | 91.1 | 91.1 | 91.1 | 91.1 | 91.1  | 91.1 | 91.2 |
| ≥ 14000           | 89.9                       | 91.8 | 92.1 | 92.3 | 92.3 | 92.3  | 92.4 | 92.4  | 92.4  | 92.4 | 92.4 | 92.4 | 92.4 | 92.4  | 92.4 | 92.4 |
| ≥ 12000           | 90.8                       | 92.8 | 93.1 | 93.3 | 93.3 | 93.3  | 93.4 | 93.4  | 93.4  | 93.4 | 93.4 | 93.4 | 93.4 | 93.4  | 93.4 | 93.4 |
| ≥ 10000           | 91.6                       | 93.6 | 93.9 | 94.1 | 94.2 | 94.2  | 94.2 | 94.2  | 94.2  | 94.2 | 94.2 | 94.2 | 94.2 | 94.2  | 94.3 | 94.3 |
| ≥ 9000            | 91.9                       | 93.9 | 94.2 | 94.4 | 94.5 | 94.5  | 94.5 | 94.5  | 94.5  | 94.5 | 94.5 | 94.5 | 94.5 | 94.5  | 94.5 | 94.6 |
| ≥ 8000            | 92.3                       | 94.4 | 94.7 | 94.9 | 95.0 | 95.0  | 95.0 | 95.0  | 95.0  | 95.0 | 95.0 | 95.0 | 95.0 | 95.0  | 95.1 | 95.1 |
| ≥ 7000            | 92.7                       | 94.8 | 95.1 | 95.3 | 95.4 | 95.4  | 95.4 | 95.4  | 95.4  | 95.4 | 95.4 | 95.4 | 95.4 | 95.4  | 95.5 | 95.5 |
| ≥ 6000            | 93.1                       | 95.2 | 95.6 | 95.7 | 95.8 | 95.8  | 95.8 | 95.9  | 95.9  | 95.9 | 95.9 | 95.9 | 95.9 | 95.9  | 95.9 | 95.9 |
| ≥ 5000            | 93.8                       | 96.0 | 96.3 | 96.5 | 96.6 | 96.6  | 96.6 | 96.7  | 96.7  | 96.7 | 96.7 | 96.7 | 96.7 | 96.7  | 96.7 | 96.7 |
| ≥ 4500            | 94.0                       | 96.2 | 96.5 | 96.7 | 96.8 | 96.8  | 96.9 | 96.9  | 96.9  | 96.9 | 96.9 | 96.9 | 96.9 | 96.9  | 96.9 | 96.9 |
| ≥ 4000            | 94.3                       | 96.7 | 97.1 | 97.3 | 97.4 | 97.4  | 97.4 | 97.4  | 97.4  | 97.4 | 97.4 | 97.4 | 97.4 | 97.4  | 97.5 | 97.5 |
| ≥ 3500            | 94.9                       | 97.1 | 97.5 | 97.7 | 97.8 | 97.8  | 97.8 | 97.8  | 97.8  | 97.9 | 97.9 | 97.9 | 97.9 | 97.9  | 97.9 | 97.9 |
| ≥ 3000            | 95.4                       | 97.7 | 98.1 | 98.3 | 98.4 | 98.4  | 98.4 | 98.4  | 98.4  | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5 |
| ≥ 2500            | 95.7                       | 98.1 | 98.5 | 98.7 | 98.8 | 98.8  | 98.8 | 98.9  | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 |
| ≥ 2000            | 95.9                       | 98.4 | 98.8 | 99.0 | 99.2 | 99.2  | 99.2 | 99.3  | 99.3  | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 | 99.3 |
| ≥ 1800            | 96.0                       | 98.4 | 98.8 | 99.1 | 99.2 | 99.2  | 99.3 | 99.3  | 99.3  | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.4 | 99.4 |
| ≥ 1500            | 96.1                       | 98.6 | 99.0 | 99.2 | 99.4 | 99.4  | 99.5 | 99.5  | 99.5  | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.6 | 99.6 |
| ≥ 1200            | 96.1                       | 98.6 | 99.1 | 99.3 | 99.5 | 99.5  | 99.5 | 99.6  | 99.6  | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6 | 99.7 |
| ≥ 1000            | 96.1                       | 98.7 | 99.1 | 99.4 | 99.5 | 99.6  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8 | 99.8 |
| ≥ 900             | 96.1                       | 98.7 | 99.1 | 99.4 | 99.6 | 99.6  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8 | 99.8 |
| ≥ 800             | 96.1                       | 98.7 | 99.1 | 99.4 | 99.6 | 99.6  | 99.7 | 99.7  | 99.7  | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 700             | 96.2                       | 98.7 | 99.2 | 99.4 | 99.6 | 99.6  | 99.7 | 99.7  | 99.7  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 600             | 96.2                       | 98.7 | 99.2 | 99.4 | 99.6 | 99.6  | 99.7 | 99.7  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 500             | 96.2                       | 98.7 | 99.2 | 99.4 | 99.6 | 99.6  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 400             | 96.2                       | 98.7 | 99.2 | 99.4 | 99.6 | 99.6  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 300             | 96.2                       | 98.7 | 99.2 | 99.4 | 99.6 | 99.6  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 200             | 96.2                       | 98.7 | 99.2 | 99.4 | 99.6 | 99.6  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 100             | 96.2                       | 98.7 | 99.2 | 99.4 | 99.6 | 99.6  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 0               | 96.2                       | 98.7 | 99.2 | 99.4 | 99.6 | 99.6  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 109392



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |      |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 5/16 | ≥ ¼  | ≥ 0   |
| NO CEILING        | 76.4                       | 77.3 | 77.7 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2   | 78.2 | 78.4  |
| ≥ 20000           | 82.0                       | 83.2 | 83.6 | 83.9 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1   | 84.2 | 84.2  |
| IV 18000          | 82.4                       | 83.6 | 84.1 | 84.3 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6   | 84.6 | 84.6  |
| IV 16000          | 82.7                       | 83.9 | 84.4 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9   | 84.9 | 84.9  |
| IV 14000          | 84.4                       | 85.7 | 86.2 | 86.4 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7   | 86.7 | 86.7  |
| IV 12000          | 85.5                       | 86.9 | 87.3 | 87.6 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8   | 87.8 | 87.9  |
| IV 10000          | 86.4                       | 87.8 | 88.2 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8   | 88.8 | 88.9  |
| IV 9000           | 86.7                       | 88.2 | 88.6 | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2   | 89.2 | 89.3  |
| IV 8000           | 87.2                       | 88.6 | 89.1 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7   | 89.7 | 89.7  |
| IV 7000           | 87.7                       | 89.2 | 89.7 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3   | 90.4 | 90.4  |
| IV 6000           | 88.2                       | 89.8 | 90.2 | 90.6 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9   | 90.9 | 90.9  |
| IV 5000           | 89.3                       | 90.9 | 91.4 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0   | 92.0 | 92.1  |
| IV 4500           | 89.5                       | 91.1 | 91.6 | 92.0 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3   | 92.3 | 92.3  |
| IV 4000           | 90.6                       | 92.3 | 92.9 | 93.2 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5   | 93.5 | 93.6  |
| IV 3500           | 91.0                       | 92.9 | 93.5 | 93.8 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1   | 94.2 | 94.2  |
| IV 3000           | 92.0                       | 94.0 | 94.6 | 94.9 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3   | 95.3 | 95.4  |
| IV 2500           | 92.8                       | 94.9 | 95.5 | 95.9 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4   | 96.4 | 96.5  |
| IV 2000           | 93.5                       | 95.8 | 96.4 | 96.9 | 97.1 | 97.1 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5   | 97.5 | 97.6  |
| IV 1800           | 93.6                       | 95.8 | 96.5 | 97.0 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6   | 97.7 | 97.7  |
| IV 1500           | 93.7                       | 96.2 | 96.9 | 97.5 | 97.7 | 97.7 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2   | 98.2 | 98.3  |
| IV 1200           | 93.8                       | 96.3 | 97.1 | 97.6 | 97.9 | 97.9 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4   | 98.4 | 98.5  |
| IV 1000           | 94.0                       | 96.5 | 97.3 | 97.9 | 98.3 | 98.3 | 98.6 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0   | 99.0 | 99.1  |
| IV 900            | 94.0                       | 96.5 | 97.3 | 97.9 | 98.3 | 98.4 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0   | 99.1 | 99.1  |
| IV 800            | 94.0                       | 96.5 | 97.3 | 97.9 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1   | 99.2 | 99.2  |
| IV 700            | 94.0                       | 96.5 | 97.3 | 98.0 | 98.4 | 98.4 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2   | 99.3 | 99.3  |
| IV 600            | 94.0                       | 96.6 | 97.4 | 98.1 | 98.5 | 98.6 | 98.8 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4   | 99.4 | 99.5  |
| IV 500            | 94.0                       | 96.6 | 97.4 | 98.1 | 98.5 | 98.6 | 98.9 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6   | 99.6 | 99.7  |
| IV 400            | 94.0                       | 96.6 | 97.4 | 98.1 | 98.5 | 98.6 | 98.9 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.7   | 99.7 | 99.8  |
| IV 300            | 94.0                       | 96.6 | 97.4 | 98.1 | 98.5 | 98.6 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7   | 99.7 | 99.9  |
| IV 200            | 94.0                       | 96.6 | 97.5 | 98.1 | 98.6 | 98.6 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.8   | 99.8 | 100.0 |
| IV 100            | 94.0                       | 96.6 | 97.5 | 98.1 | 98.6 | 98.6 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.8   | 99.8 | 100.0 |
| IV 0              | 94.0                       | 96.6 | 97.5 | 98.1 | 98.6 | 98.6 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.8   | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 9389

USAFETAC FORM JUN 71 0-14-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE AFI CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .9 | ≥ .8 | ≥ .7 | ≥ .6 | ≥ .5 | ≥ 0  |
| NO CEILING        | 76.5                       | 77.7 | 78.1 | 78.2 | 78.5 | 78.6  | 78.7 | 78.8  | 78.8  | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 20000           | 82.1                       | 83.5 | 83.9 | 84.1 | 84.4 | 84.5  | 84.6 | 84.6  | 84.6  | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 18000           | 82.7                       | 84.1 | 84.5 | 84.7 | 85.0 | 85.1  | 85.2 | 85.3  | 85.3  | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 16000           | 83.4                       | 84.8 | 85.2 | 85.4 | 85.7 | 85.7  | 85.8 | 85.9  | 85.9  | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 |
| ≥ 14000           | 84.6                       | 86.2 | 86.6 | 86.8 | 87.1 | 87.2  | 87.3 | 87.4  | 87.4  | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 12000           | 85.8                       | 87.3 | 87.7 | 87.9 | 88.2 | 88.2  | 88.4 | 88.5  | 88.5  | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 10000           | 86.7                       | 88.4 | 88.8 | 89.0 | 89.3 | 89.4  | 89.5 | 89.6  | 89.6  | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 9000            | 87.1                       | 88.8 | 89.2 | 89.4 | 89.7 | 89.8  | 89.9 | 90.0  | 90.0  | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 8000            | 87.7                       | 89.5 | 89.9 | 90.2 | 90.5 | 90.6  | 90.7 | 90.8  | 90.8  | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 7000            | 88.4                       | 90.2 | 90.6 | 90.9 | 91.2 | 91.3  | 91.4 | 91.5  | 91.5  | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 6000            | 89.2                       | 90.9 | 91.4 | 91.6 | 92.0 | 92.0  | 92.2 | 92.2  | 92.2  | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 5000            | 90.5                       | 92.3 | 92.8 | 93.1 | 93.4 | 93.5  | 93.7 | 93.8  | 93.8  | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 |
| ≥ 4500            | 90.8                       | 92.7 | 93.2 | 93.4 | 93.8 | 93.8  | 94.1 | 94.1  | 94.1  | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 4000            | 92.1                       | 94.1 | 94.6 | 94.9 | 95.3 | 95.4  | 95.6 | 95.6  | 95.6  | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 3500            | 92.8                       | 94.9 | 95.4 | 95.7 | 96.1 | 96.2  | 96.4 | 96.4  | 96.4  | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 3000            | 93.9                       | 96.1 | 96.6 | 96.9 | 97.3 | 97.4  | 97.6 | 97.6  | 97.6  | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2500            | 94.5                       | 96.7 | 97.2 | 97.5 | 97.9 | 98.0  | 98.2 | 98.3  | 98.3  | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 2000            | 95.1                       | 97.3 | 97.9 | 98.2 | 98.7 | 98.7  | 99.0 | 99.0  | 99.0  | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1800            | 95.1                       | 97.3 | 97.9 | 98.3 | 98.7 | 98.7  | 99.0 | 99.0  | 99.0  | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1500            | 95.2                       | 97.6 | 98.2 | 98.7 | 99.1 | 99.2  | 99.4 | 99.5  | 99.5  | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200            | 95.4                       | 97.7 | 98.4 | 98.8 | 99.3 | 99.3  | 99.6 | 99.6  | 99.6  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1000            | 95.4                       | 97.7 | 98.4 | 98.9 | 99.4 | 99.4  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900             | 95.4                       | 97.7 | 98.4 | 98.9 | 99.4 | 99.4  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800             | 95.4                       | 97.7 | 98.4 | 98.9 | 99.4 | 99.4  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700             | 95.4                       | 97.7 | 98.4 | 99.0 | 99.4 | 99.5  | 99.7 | 99.8  | 99.8  | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600             | 95.4                       | 97.7 | 98.4 | 99.0 | 99.4 | 99.5  | 99.7 | 99.8  | 99.8  | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500             | 95.4                       | 97.7 | 98.4 | 99.0 | 99.4 | 99.5  | 99.7 | 99.8  | 99.8  | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400             | 95.4                       | 97.7 | 98.4 | 99.0 | 99.4 | 99.5  | 99.7 | 99.8  | 99.8  | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300             | 95.4                       | 97.7 | 98.4 | 99.0 | 99.4 | 99.5  | 99.7 | 99.8  | 99.8  | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200             | 95.4                       | 97.7 | 98.4 | 99.0 | 99.4 | 99.5  | 99.7 | 99.8  | 99.8  | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100             | 95.4                       | 97.7 | 98.4 | 99.0 | 99.4 | 99.5  | 99.7 | 99.8  | 99.8  | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0               | 95.4                       | 97.7 | 98.4 | 99.0 | 99.4 | 99.5  | 99.7 | 99.8  | 99.8  | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 8479

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

VAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.9  | ≥.8  | ≥.75 | ≥.7  | ≥.6  | ≥.5   |
| NO CEILING        | 75.9                       | 77.7 | 78.0 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4  |
| ≥ 20000           | 82.9                       | 84.9 | 85.2 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6  |
| ≥ 18000           | 83.4                       | 85.5 | 85.8 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2  |
| ≥ 16000           | 83.9                       | 85.9 | 86.3 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7  |
| ≥ 14000           | 85.4                       | 87.5 | 87.9 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3  |
| ≥ 12000           | 86.0                       | 88.2 | 88.5 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9  |
| ≥ 10000           | 86.8                       | 89.0 | 89.4 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8  |
| ≥ 9000            | 86.9                       | 89.1 | 89.5 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9  |
| ≥ 8000            | 87.5                       | 89.7 | 90.1 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5  |
| ≥ 7000            | 88.1                       | 90.3 | 90.7 | 90.9 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1  |
| ≥ 6000            | 88.6                       | 91.0 | 91.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8  |
| ≥ 5000            | 89.8                       | 92.2 | 92.6 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1  |
| ≥ 4500            | 90.2                       | 92.6 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4  |
| ≥ 4000            | 91.0                       | 93.5 | 93.9 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4  |
| ≥ 3500            | 92.1                       | 94.5 | 94.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4  |
| ≥ 3000            | 93.1                       | 95.7 | 96.2 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7  |
| ≥ 2500            | 93.9                       | 96.6 | 97.1 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7  |
| ≥ 2000            | 94.5                       | 97.3 | 97.8 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5  |
| ≥ 1800            | 94.5                       | 97.3 | 97.8 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  |
| ≥ 1500            | 94.9                       | 97.8 | 98.4 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  |
| ≥ 1200            | 95.0                       | 97.9 | 98.5 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  |
| ≥ 1000            | 95.0                       | 98.0 | 98.7 | 99.1 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7  |
| ≥ 900             | 95.0                       | 98.0 | 98.7 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7  |
| ≥ 800             | 95.0                       | 98.0 | 98.7 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  |
| ≥ 700             | 95.0                       | 98.0 | 98.7 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  |
| ≥ 600             | 95.0                       | 98.0 | 98.7 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  |
| ≥ 500             | 95.0                       | 98.1 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  |
| ≥ 400             | 95.0                       | 98.1 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  |
| ≥ 300             | 95.0                       | 98.1 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  |
| ≥ 200             | 95.0                       | 98.1 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  |
| ≥ 100             | 95.0                       | 98.1 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  |
| ≥ 0               | 95.0                       | 98.1 | 98.7 | 99.2 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 9491

USAFETAC

FORM  
JUN 71

0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .5  | ≥ .5  | ≥ .5  | ≥ 5/16 | ≥ .4  | ≥ 0   |
| NO CEILING        | 81.8                       | 84.8 | 85.3 | 85.5 | 85.6 | 85.6  | 85.6 | 85.6  | 85.6  | 85.6 | 85.6  | 85.6  | 85.6  | 85.6   | 85.6  | 85.6  |
| ≥ 20000           | 86.6                       | 89.8 | 90.4 | 90.5 | 90.6 | 90.6  | 90.6 | 90.6  | 90.6  | 90.7 | 90.7  | 90.7  | 90.7  | 90.7   | 90.7  | 90.7  |
| ≥ 18000           | 87.0                       | 90.2 | 90.7 | 90.9 | 91.0 | 91.0  | 91.0 | 91.0  | 91.0  | 91.0 | 91.0  | 91.0  | 91.0  | 91.0   | 91.0  | 91.0  |
| ≥ 16000           | 87.5                       | 90.7 | 91.3 | 91.5 | 91.6 | 91.6  | 91.6 | 91.6  | 91.6  | 91.6 | 91.6  | 91.6  | 91.6  | 91.6   | 91.6  | 91.6  |
| ≥ 14000           | 88.4                       | 91.7 | 92.2 | 92.4 | 92.5 | 92.5  | 92.5 | 92.5  | 92.5  | 92.5 | 92.5  | 92.5  | 92.5  | 92.5   | 92.5  | 92.5  |
| ≥ 12000           | 89.6                       | 92.9 | 93.5 | 93.7 | 93.8 | 93.8  | 93.8 | 93.8  | 93.8  | 93.8 | 93.8  | 93.8  | 93.8  | 93.8   | 93.8  | 93.8  |
| ≥ 10000           | 90.2                       | 93.7 | 94.2 | 94.4 | 94.5 | 94.5  | 94.5 | 94.5  | 94.5  | 94.5 | 94.6  | 94.6  | 94.6  | 94.6   | 94.6  | 94.6  |
| ≥ 9000            | 90.6                       | 94.0 | 94.6 | 94.8 | 94.8 | 94.8  | 94.8 | 94.8  | 94.8  | 94.8 | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  | 94.9  |
| ≥ 8000            | 90.9                       | 94.4 | 94.9 | 95.1 | 95.2 | 95.2  | 95.2 | 95.2  | 95.2  | 95.3 | 95.3  | 95.3  | 95.3  | 95.3   | 95.3  | 95.3  |
| ≥ 7000            | 91.2                       | 94.8 | 95.2 | 95.4 | 95.5 | 95.5  | 95.5 | 95.5  | 95.5  | 95.5 | 95.5  | 95.5  | 95.5  | 95.5   | 95.5  | 95.5  |
| ≥ 6000            | 91.6                       | 95.1 | 95.7 | 95.9 | 95.9 | 96.0  | 96.0 | 96.0  | 96.0  | 96.0 | 96.0  | 96.0  | 96.0  | 96.0   | 96.0  | 96.0  |
| ≥ 5000            | 92.6                       | 96.1 | 96.7 | 96.9 | 97.0 | 97.0  | 97.0 | 97.0  | 97.0  | 97.0 | 97.0  | 97.0  | 97.0  | 97.0   | 97.0  | 97.0  |
| ≥ 4500            | 92.9                       | 96.5 | 97.1 | 97.3 | 97.3 | 97.4  | 97.4 | 97.4  | 97.4  | 97.4 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4  |
| ≥ 4000            | 93.4                       | 97.1 | 97.6 | 97.8 | 97.9 | 97.9  | 97.9 | 97.9  | 97.9  | 98.0 | 98.0  | 98.0  | 98.0  | 98.0   | 98.0  | 98.0  |
| ≥ 3500            | 94.0                       | 97.6 | 98.2 | 98.4 | 98.5 | 98.5  | 98.5 | 98.5  | 98.5  | 98.5 | 98.5  | 98.5  | 98.5  | 98.6   | 98.6  | 98.6  |
| ≥ 3000            | 94.5                       | 98.2 | 98.9 | 99.1 | 99.1 | 99.2  | 99.2 | 99.2  | 99.2  | 99.2 | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| ≥ 2500            | 94.8                       | 98.6 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6   | 99.6  | 99.6  |
| ≥ 2000            | 95.0                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1800            | 95.0                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1500            | 95.1                       | 98.9 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9  | 99.9  | 99.9  | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 95.1                       | 98.9 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 95.2                       | 99.0 | 99.6 | 99.8 | 99.8 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 9142

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1.4  | ≥1    | ≥.9   | ≥.8   | ≥.7   | ≥.6   | ≥.5   | ≥0    |
| NO CEILING        | 85.2                       | 88.1 | 88.4 | 88.5 | 88.5  | 88.5  | 88.5  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  |
| ≥ 20000           | 90.3                       | 93.2 | 93.4 | 93.5 | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  |
| IV 18000          | 90.4                       | 93.3 | 93.8 | 93.9 | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  |
| IV 16000          | 90.7                       | 93.8 | 94.1 | 94.2 | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  |
| IV 14000          | 91.3                       | 94.7 | 95.0 | 95.1 | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  |
| IV 12000          | 91.9                       | 95.2 | 95.3 | 95.6 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  |
| IV 10000          | 92.2                       | 95.5 | 95.8 | 96.0 | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  |
| IV 9000           | 92.4                       | 95.7 | 96.1 | 96.2 | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  |
| IV 8000           | 92.7                       | 96.0 | 96.4 | 96.5 | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  |
| IV 7000           | 92.8                       | 96.3 | 96.6 | 96.7 | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 6000           | 93.4                       | 96.7 | 97.1 | 97.2 | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  |
| IV 5000           | 94.3                       | 97.6 | 97.9 | 98.0 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  |
| IV 4500           | 94.5                       | 97.9 | 98.2 | 98.3 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  |
| IV 4000           | 95.0                       | 98.3 | 98.6 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| IV 3500           | 95.2                       | 98.6 | 98.9 | 99.0 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| IV 3000           | 95.7                       | 99.0 | 99.4 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 2500           | 95.9                       | 99.2 | 99.5 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 2000           | 96.0                       | 99.3 | 99.7 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 1800           | 96.0                       | 99.3 | 99.7 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1500           | 96.1                       | 99.4 | 99.8 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1200           | 96.1                       | 99.5 | 99.8 | 99.9 | 99.9  | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 96.1                       | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2531



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5 16 | ≥ 4   | ≥ 0   |
| NO CEILING        | 93.2                       | 96.0 | 96.6 | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7   | 96.7  | 96.7  |
| ≥ 20000           | 94.4                       | 97.4 | 97.9 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1   | 98.1  | 98.1  |
| ≥ 18000           | 94.5                       | 97.5 | 98.0 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| ≥ 16000           | 94.5                       | 97.5 | 98.1 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| ≥ 14000           | 94.9                       | 97.9 | 98.5 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  | 98.6  |
| ≥ 12000           | 95.2                       | 98.3 | 98.8 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| ≥ 10000           | 95.5                       | 98.5 | 99.1 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| ≥ 9000            | 95.5                       | 98.5 | 99.1 | 99.2  | 99.2  | 99.2  | 99.2  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 8000            | 95.6                       | 98.6 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 7000            | 95.7                       | 98.7 | 99.2 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| ≥ 6000            | 95.8                       | 98.8 | 99.4 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5  |
| ≥ 5000            | 95.8                       | 98.9 | 99.4 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 4500            | 95.9                       | 98.9 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 4000            | 95.9                       | 98.9 | 99.5 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 3500            | 96.0                       | 99.1 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 3000            | 96.2                       | 99.2 | 99.8 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500            | 96.2                       | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000            | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500            | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 96.2                       | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8941

USAFETAC FORM JUN 71 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/16 | ≥0    | ≥0    |
| NO CEILING        | 92.0                       | 92.8 | 92.9  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  |
| ≥ 20000           | 93.5                       | 94.5 | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  |
| ≥ 18000           | 93.7                       | 94.6 | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  |
| ≥ 16000           | 94.2                       | 95.1 | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  |
| ≥ 14000           | 95.7                       | 96.7 | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| ≥ 12000           | 96.9                       | 97.8 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  |
| ≥ 10000           | 98.0                       | 99.0 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 9000            | 98.2                       | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 8000            | 98.5                       | 99.6 | 99.6  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 7000            | 98.8                       | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 6000            | 98.9                       | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 5000            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 98.9                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 9234

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

ALL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |          |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1.4 | ≥ 1   | ≥ .5  | ≥ .4  | ≥ .3  | ≥ .25-16 | ≥ .4  | ≥ 0   |
| NO CEILING        | 91.0                       | 92.6 | 92.8 | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8     | 92.8  | 92.8  |
| ≥ 20000           | 92.4                       | 94.2 | 94.3 | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3     | 94.3  | 94.3  |
| IV 18000          | 92.8                       | 94.5 | 94.6 | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6     | 94.6  | 94.6  |
| IV 16000          | 93.0                       | 94.7 | 94.8 | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9     | 94.9  | 94.9  |
| IV 14000          | 94.2                       | 96.0 | 96.1 | 96.1  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2     | 96.2  | 96.2  |
| IV 12000          | 95.4                       | 97.2 | 97.4 | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4     | 97.4  | 97.4  |
| IV 10000          | 96.6                       | 98.5 | 98.6 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7     | 98.7  | 98.7  |
| IV 9000           | 97.0                       | 98.8 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0     | 99.0  | 99.0  |
| IV 8000           | 97.2                       | 99.2 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4     | 99.4  | 99.4  |
| IV 7000           | 97.2                       | 99.4 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6     | 99.6  | 99.6  |
| IV 6000           | 97.7                       | 99.5 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8     | 99.8  | 99.8  |
| IV 5000           | 97.8                       | 99.7 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9     | 99.9  | 99.9  |
| IV 4500           | 97.8                       | 99.7 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9     | 99.9  | 99.9  |
| IV 4000           | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 3500           | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 3000           | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 2500           | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 2000           | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 1800           | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 1500           | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 1200           | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 1000           | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 900            | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 800            | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 700            | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 600            | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 500            | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 400            | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 300            | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 200            | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 100            | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |
| IV 0              | 97.9                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 9562

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |       |      |       |      |       |       |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|-------|------|-------|------|-------|-------|------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.25 | ≥1   | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.16 | ≥0.1 | ≥0   |
| NO CEILING        | 91.3                       | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7  | 92.7 | 92.7  | 92.7 | 92.7  | 92.7  | 92.7 | 92.7 |
| ≥ 20000           | 92.7                       | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2  | 94.2 | 94.2  | 94.2 | 94.2  | 94.2  | 94.2 | 94.2 |
| ≥ 18000           | 92.8                       | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3  | 94.3 | 94.3  | 94.3 | 94.3  | 94.3  | 94.3 | 94.3 |
| ≥ 16000           | 93.0                       | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5  | 94.5 | 94.5  | 94.5 | 94.5  | 94.5  | 94.5 | 94.5 |
| ≥ 14000           | 94.2                       | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6  | 95.6 | 95.6  | 95.6 | 95.6  | 95.6  | 95.6 | 95.6 |
| ≥ 12000           | 95.1                       | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6  | 96.6 | 96.6  | 96.6 | 96.6  | 96.6  | 96.6 | 96.6 |
| ≥ 10000           | 95.9                       | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4  | 97.4 | 97.4  | 97.4 | 97.4  | 97.4  | 97.4 | 97.4 |
| ≥ 9000            | 96.4                       | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9  | 97.9 | 97.9  | 97.9 | 97.9  | 97.9  | 97.9 | 97.9 |
| ≥ 8000            | 96.8                       | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3 | 98.3  | 98.3 | 98.3  | 98.3  | 98.3 | 98.3 |
| ≥ 7000            | 97.0                       | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5  | 98.5 | 98.5  | 98.5  | 98.5 | 98.5 |
| ≥ 6000            | 97.2                       | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7 | 98.7  | 98.7 | 98.7  | 98.7  | 98.7 | 98.7 |
| ≥ 5000            | 97.4                       | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0 | 99.0  | 99.0 | 99.0  | 99.0  | 99.0 | 99.0 |
| ≥ 4500            | 97.5                       | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0 | 99.0  | 99.0 | 99.0  | 99.0  | 99.0 | 99.0 |
| ≥ 4000            | 97.5                       | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0 | 99.0  | 99.0 | 99.0  | 99.0  | 99.0 | 99.0 |
| ≥ 3500            | 97.5                       | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1  | 99.1 | 99.1  | 99.1  | 99.1 | 99.1 |
| ≥ 3000            | 97.6                       | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3 | 99.3 |
| ≥ 2500            | 97.7                       | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4  | 99.4 | 99.4  | 99.4  | 99.4 | 99.4 |
| ≥ 2000            | 97.8                       | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 | 99.5 |
| ≥ 1800            | 97.8                       | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 | 99.5 |
| ≥ 1500            | 97.8                       | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 |
| ≥ 1200            | 97.9                       | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 |
| ≥ 1000            | 97.9                       | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 |
| ≥ 900             | 97.9                       | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 |
| ≥ 800             | 97.9                       | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 |
| ≥ 700             | 97.9                       | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 |
| ≥ 600             | 97.9                       | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 |
| ≥ 500             | 97.9                       | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 |
| ≥ 400             | 97.9                       | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 |
| ≥ 300             | 97.9                       | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 |
| ≥ 200             | 97.9                       | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 |
| ≥ 100             | 97.9                       | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 |
| ≥ 0               | 97.9                       | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 7895

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

STATION  
23182

STATION NAME  
PALMDALE APT CALIF

YEARS  
49-54, 61-64, 71-72

MONTH  
OCT

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)  
ALL

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 86.1                       | 88.2 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8  | 88.8  | 88.8  | 88.8   | 88.8  | 88.9  |
| IV 20000          | 88.6                       | 90.9 | 91.3 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5  | 91.5  | 91.5  | 91.5   | 91.5  | 91.5  |
| IV 18000          | 88.9                       | 91.1 | 91.5 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8  | 91.8  | 91.8  | 91.8   | 91.8  | 91.8  |
| IV 16000          | 89.3                       | 91.6 | 92.0 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3  | 92.3  | 92.3  | 92.3   | 92.3  | 92.3  |
| IV 14000          | 90.6                       | 93.0 | 93.4 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7  | 93.7  | 93.7  | 93.7   | 93.7  | 93.7  |
| IV 12000          | 91.7                       | 94.1 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8  | 94.8  | 94.8  | 94.8   | 94.8  | 94.8  |
| IV 10000          | 92.3                       | 94.9 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6  | 95.6  | 95.6  | 95.6   | 95.6  | 95.6  |
| IV 9000           | 92.6                       | 95.1 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8  | 95.8  | 95.8  | 95.8   | 95.8  | 95.9  |
| IV 8000           | 93.4                       | 96.0 | 96.5 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7  | 96.7  | 96.7  | 96.7   | 96.7  | 96.8  |
| IV 7000           | 93.8                       | 96.5 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2  | 97.2  | 97.2  | 97.2   | 97.2  | 97.2  |
| IV 6000           | 94.3                       | 97.0 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7  | 97.7  | 97.7  | 97.7   | 97.7  | 97.7  |
| IV 5000           | 95.0                       | 97.7 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5  | 98.5  | 98.5  | 98.5   | 98.5  | 98.5  |
| IV 4500           | 95.2                       | 97.9 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  | 98.7  |
| IV 4000           | 95.6                       | 98.2 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9  | 98.9  | 99.0   | 99.0  | 99.0  |
| IV 3500           | 95.5                       | 98.4 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1  | 99.1  | 99.1   | 99.1  | 99.2  |
| IV 3000           | 95.8                       | 98.6 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 2500           | 96.0                       | 98.9 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.8   | 99.8  | 99.8  |
| IV 2000           | 96.1                       | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 100.0 |
| IV 1800           | 96.1                       | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 100.0 |
| IV 1500           | 96.1                       | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 100.0 |
| IV 1200           | 96.1                       | 99.0 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 100.0 |
| IV 1000           | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900            | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800            | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700            | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600            | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500            | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400            | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300            | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200            | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100            | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0              | 96.1                       | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8824



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 23182 PALMDALE APT CALIF

48-54,61-64,71-72

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥1/16 | ≥0    | ≥0    |
| NO CEILING        | 81.6                       | 82.6 | 83.0 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3  | 83.3  | 83.3  |
| ≥ 20000           | 87.0                       | 88.1 | 88.4 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8  | 88.8  | 88.8  |
| ≥ 18000           | 87.4                       | 88.4 | 88.8 | 89.0 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2  | 89.2  | 89.2  |
| ≥ 16000           | 87.9                       | 89.0 | 89.4 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8  | 89.8  | 89.8  |
| ≥ 14000           | 89.5                       | 90.6 | 91.0 | 91.2 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4  | 91.4  | 91.4  |
| ≥ 12000           | 90.4                       | 91.7 | 92.0 | 92.2 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4  | 92.4  | 92.4  |
| ≥ 10000           | 91.2                       | 92.5 | 92.8 | 93.1 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3  | 93.3  | 93.3  |
| ≥ 9000            | 91.4                       | 92.7 | 93.1 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5  | 93.5  | 93.5  |
| ≥ 8000            | 92.0                       | 93.3 | 93.7 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1  | 94.1  | 94.1  |
| ≥ 7000            | 92.4                       | 93.7 | 94.1 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5  | 94.5  | 94.5  |
| ≥ 6000            | 92.8                       | 94.2 | 94.6 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0  | 95.0  | 95.0  |
| ≥ 5000            | 93.6                       | 95.1 | 95.5 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9  | 95.9  | 95.9  |
| ≥ 4500            | 93.9                       | 95.4 | 95.8 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2  | 96.2  | 96.2  |
| ≥ 4000            | 94.3                       | 95.9 | 96.3 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7  | 96.7  | 96.7  |
| ≥ 3500            | 95.1                       | 96.6 | 97.0 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5  | 97.5  | 97.5  |
| ≥ 3000            | 95.7                       | 97.4 | 97.8 | 98.0 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3  | 98.3  |
| ≥ 2500            | 96.0                       | 97.8 | 98.2 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8  | 98.8  |
| ≥ 2000            | 96.4                       | 98.1 | 98.6 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2  | 99.2  |
| ≥ 1800            | 96.4                       | 98.2 | 98.7 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3  | 99.3  |
| ≥ 1500            | 96.5                       | 98.4 | 98.9 | 99.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  |
| ≥ 1200            | 96.5                       | 98.4 | 98.9 | 99.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  |
| ≥ 1000            | 96.6                       | 98.4 | 99.0 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6  | 99.6  |
| ≥ 900             | 96.6                       | 98.5 | 99.0 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6  | 99.6  |
| ≥ 800             | 96.6                       | 98.5 | 99.0 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  |
| ≥ 700             | 96.6                       | 98.5 | 99.0 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  |
| ≥ 600             | 96.6                       | 98.5 | 99.0 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  |
| ≥ 500             | 96.7                       | 98.5 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8  | 99.8  |
| ≥ 400             | 96.7                       | 98.5 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8  | 99.8  |
| ≥ 300             | 96.7                       | 98.5 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  | 100.0 | 100.0 |
| ≥ 200             | 96.7                       | 98.5 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  | 100.0 | 100.0 |
| ≥ 100             | 96.7                       | 98.5 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  | 100.0 | 100.0 |
| ≥ 0               | 96.7                       | 98.5 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 9274

USAFETAC FORM 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

EC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |       |       |      |       |        |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1   | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0    |
| NO CEILING        | 77.0                       | 78.0 | 78.2 | 78.4 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7  | 78.7  | 78.7 | 78.7  | 78.7   | 78.7  |
| ≥ 20000           | 83.4                       | 84.5 | 84.8 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1  | 85.1  | 85.2 | 85.2  | 85.2   | 85.2  |
| ≥ 18000           | 83.8                       | 84.9 | 85.1 | 85.2 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5  | 85.5  | 85.6 | 85.6  | 85.6   | 85.7  |
| ≥ 16000           | 84.2                       | 85.3 | 85.4 | 85.6 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9  | 85.9  | 86.0 | 86.0  | 86.0   | 86.1  |
| ≥ 14000           | 85.5                       | 86.6 | 86.7 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2  | 87.2  | 87.3 | 87.3  | 87.3   | 87.3  |
| ≥ 12000           | 86.8                       | 88.0 | 88.1 | 88.3 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6  | 88.6  | 88.7 | 88.7  | 88.7   | 88.8  |
| ≥ 10000           | 87.6                       | 88.8 | 89.0 | 89.2 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5  | 89.5  | 89.6 | 89.6  | 89.6   | 89.7  |
| ≥ 9000            | 88.0                       | 89.2 | 89.4 | 89.6 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0  | 90.0  | 90.0 | 90.0  | 90.0   | 90.1  |
| ≥ 8000            | 88.6                       | 90.0 | 90.2 | 90.4 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7  | 90.7  | 90.8 | 90.8  | 90.8   | 90.9  |
| ≥ 7000            | 89.3                       | 90.7 | 90.9 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4  | 91.4  | 91.5 | 91.5  | 91.5   | 91.5  |
| ≥ 6000            | 90.1                       | 91.5 | 91.7 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3  | 92.3  | 92.3 | 92.3  | 92.3   | 92.4  |
| ≥ 5000            | 91.2                       | 92.9 | 93.2 | 93.4 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7  | 93.7  | 93.8 | 93.8  | 93.8   | 93.9  |
| ≥ 4500            | 91.6                       | 93.3 | 93.5 | 93.7 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1  | 94.1  | 94.2 | 94.2  | 94.2   | 94.2  |
| ≥ 4000            | 92.3                       | 94.2 | 94.4 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0  | 95.0  | 95.1 | 95.1  | 95.1   | 95.2  |
| ≥ 3500            | 92.7                       | 94.6 | 94.9 | 95.2 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6  | 95.6  | 95.6 | 95.6  | 95.6   | 95.7  |
| ≥ 3000            | 93.4                       | 95.6 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7  | 96.7  | 96.7 | 96.7  | 96.7   | 96.8  |
| ≥ 2500            | 94.1                       | 96.5 | 96.8 | 97.1 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6  | 97.6  | 97.6 | 97.6  | 97.7   | 97.7  |
| ≥ 2000            | 94.4                       | 97.0 | 97.3 | 97.7 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4  | 98.4  | 98.4 | 98.4  | 98.5   | 98.5  |
| ≥ 1800            | 94.4                       | 97.0 | 97.4 | 97.8 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5  | 98.5  | 98.5 | 98.5  | 98.5   | 98.6  |
| ≥ 1500            | 94.6                       | 97.3 | 97.7 | 98.1 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8  | 98.8  | 98.9 | 98.9  | 98.9   | 99.0  |
| ≥ 1200            | 94.7                       | 97.4 | 97.9 | 98.2 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0  | 99.0  | 99.1 | 99.1  | 99.1   | 99.2  |
| ≥ 1000            | 94.8                       | 97.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2  | 99.3 | 99.3  | 99.3   | 99.4  |
| ≥ 900             | 94.8                       | 97.6 | 98.0 | 98.4 | 98.8 | 98.8 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3  | 99.3  | 99.3 | 99.3  | 99.4   | 99.4  |
| ≥ 800             | 94.9                       | 97.6 | 98.1 | 98.5 | 98.9 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4  | 99.4  | 99.4 | 99.4  | 99.5   | 99.5  |
| ≥ 700             | 94.9                       | 97.6 | 98.1 | 98.5 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4  | 99.4  | 99.5 | 99.5  | 99.5   | 99.6  |
| ≥ 600             | 94.9                       | 97.7 | 98.1 | 98.5 | 98.9 | 98.9 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5  | 99.5  | 99.5 | 99.5  | 99.6   | 99.7  |
| ≥ 500             | 94.9                       | 97.7 | 98.1 | 98.5 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5  | 99.5  | 99.6 | 99.6  | 99.7   | 99.8  |
| ≥ 400             | 94.9                       | 97.7 | 98.1 | 98.5 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5  | 99.5  | 99.6 | 99.7  | 99.7   | 99.8  |
| ≥ 300             | 94.9                       | 97.7 | 98.1 | 98.5 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5  | 99.6  | 99.6 | 99.7  | 99.7   | 99.8  |
| ≥ 200             | 94.9                       | 97.7 | 98.1 | 98.5 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6  | 99.6  | 99.7 | 99.7  | 99.8   | 99.9  |
| ≥ 100             | 94.9                       | 97.7 | 98.1 | 98.5 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6  | 99.6  | 99.7 | 99.7  | 99.8   | 99.9  |
| ≥ 0               | 94.9                       | 97.7 | 98.1 | 98.5 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6  | 99.6  | 99.7 | 99.7  | 99.8   | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 9578

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-54,71-73  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |       |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0  |
| NO CEILING        | 80.8                       | 81.7 | 82.0 | 82.1 | 82.1 | 82.1  | 82.2 | 82.2  | 82.2  | 82.2 | 82.2 | 82.2 | 82.2 | 82.2  | 82.2 | 82.3 |
| ≥ 20000           | 84.7                       | 85.7 | 86.0 | 86.1 | 86.1 | 86.1  | 86.2 | 86.2  | 86.2  | 86.2 | 86.2 | 86.2 | 86.2 | 86.2  | 86.2 | 86.3 |
| ≥ 18000           | 85.0                       | 85.9 | 86.3 | 86.4 | 86.4 | 86.4  | 86.5 | 86.5  | 86.5  | 86.5 | 86.5 | 86.5 | 86.5 | 86.5  | 86.5 | 86.5 |
| ≥ 16000           | 85.2                       | 86.1 | 86.5 | 86.5 | 86.5 | 86.5  | 86.6 | 86.6  | 86.6  | 86.6 | 86.6 | 86.6 | 86.6 | 86.6  | 86.6 | 86.7 |
| ≥ 14000           | 86.6                       | 87.6 | 87.9 | 88.0 | 88.0 | 88.0  | 88.1 | 88.1  | 88.1  | 88.1 | 88.1 | 88.1 | 88.1 | 88.1  | 88.1 | 88.2 |
| ≥ 12000           | 87.3                       | 88.3 | 88.6 | 88.7 | 88.7 | 88.7  | 88.8 | 88.8  | 88.8  | 88.8 | 88.8 | 88.8 | 88.8 | 88.8  | 88.8 | 88.9 |
| ≥ 10000           | 88.1                       | 89.1 | 89.5 | 89.5 | 89.5 | 89.5  | 89.6 | 89.6  | 89.6  | 89.6 | 89.6 | 89.6 | 89.6 | 89.6  | 89.6 | 89.7 |
| ≥ 9000            | 88.4                       | 89.5 | 89.8 | 89.9 | 89.9 | 89.9  | 90.0 | 90.0  | 90.0  | 90.0 | 90.0 | 90.0 | 90.0 | 90.0  | 90.0 | 90.1 |
| ≥ 8000            | 88.9                       | 90.1 | 90.4 | 90.5 | 90.5 | 90.5  | 90.6 | 90.6  | 90.6  | 90.6 | 90.6 | 90.6 | 90.6 | 90.6  | 90.6 | 90.7 |
| ≥ 7000            | 89.5                       | 90.7 | 91.0 | 91.1 | 91.1 | 91.1  | 91.2 | 91.2  | 91.2  | 91.2 | 91.2 | 91.2 | 91.2 | 91.2  | 91.2 | 91.3 |
| ≥ 6000            | 89.9                       | 91.2 | 91.5 | 91.6 | 91.6 | 91.6  | 91.7 | 91.7  | 91.7  | 91.7 | 91.7 | 91.7 | 91.7 | 91.7  | 91.7 | 91.8 |
| ≥ 5000            | 90.9                       | 92.3 | 92.6 | 92.7 | 92.7 | 92.7  | 92.8 | 92.8  | 92.8  | 92.8 | 92.8 | 92.8 | 92.8 | 92.8  | 92.8 | 92.9 |
| ≥ 4500            | 91.3                       | 92.6 | 93.0 | 93.1 | 93.1 | 93.1  | 93.2 | 93.2  | 93.2  | 93.2 | 93.2 | 93.2 | 93.2 | 93.2  | 93.2 | 93.3 |
| ≥ 4000            | 92.0                       | 93.5 | 93.9 | 94.0 | 94.0 | 94.0  | 94.2 | 94.2  | 94.2  | 94.2 | 94.2 | 94.2 | 94.2 | 94.2  | 94.2 | 94.3 |
| ≥ 3500            | 92.5                       | 94.2 | 94.6 | 94.7 | 94.7 | 94.7  | 94.9 | 94.9  | 94.9  | 94.9 | 94.9 | 94.9 | 94.9 | 94.9  | 94.9 | 94.9 |
| ≥ 3000            | 92.9                       | 94.5 | 95.0 | 95.1 | 95.2 | 95.3  | 95.5 | 95.5  | 95.5  | 95.5 | 95.5 | 95.5 | 95.5 | 95.5  | 95.5 | 95.6 |
| ≥ 2500            | 93.7                       | 95.3 | 96.0 | 96.1 | 96.2 | 96.2  | 96.4 | 96.5  | 96.5  | 96.5 | 96.5 | 96.5 | 96.5 | 96.5  | 96.5 | 96.6 |
| ≥ 2000            | 94.1                       | 95.8 | 96.5 | 96.8 | 97.0 | 97.0  | 97.2 | 97.2  | 97.3  | 97.3 | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.4 |
| ≥ 1800            | 94.2                       | 95.9 | 96.6 | 96.9 | 97.2 | 97.2  | 97.3 | 97.3  | 97.4  | 97.4 | 97.4 | 97.4 | 97.4 | 97.4  | 97.4 | 97.6 |
| ≥ 1500            | 94.3                       | 96.0 | 96.8 | 97.3 | 97.6 | 97.6  | 97.8 | 97.8  | 97.9  | 97.9 | 97.9 | 97.9 | 97.9 | 97.9  | 97.9 | 98.0 |
| ≥ 1200            | 94.3                       | 96.1 | 96.9 | 97.3 | 97.7 | 97.7  | 97.8 | 97.9  | 98.0  | 98.0 | 98.0 | 98.0 | 98.0 | 98.0  | 98.0 | 98.2 |
| ≥ 1000            | 94.3                       | 96.1 | 96.9 | 97.3 | 97.7 | 97.7  | 97.8 | 98.0  | 98.1  | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.3 |
| ≥ 900             | 94.3                       | 96.1 | 96.9 | 97.3 | 97.7 | 97.7  | 97.8 | 98.0  | 98.1  | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.3 |
| ≥ 800             | 94.3                       | 96.1 | 96.9 | 97.3 | 97.7 | 97.7  | 97.8 | 98.1  | 98.1  | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.3 |
| ≥ 700             | 94.3                       | 96.1 | 97.0 | 97.4 | 97.8 | 97.8  | 98.3 | 98.3  | 98.3  | 98.3 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3 | 98.5 |
| ≥ 600             | 94.3                       | 96.2 | 97.1 | 97.5 | 97.9 | 97.9  | 98.4 | 98.4  | 98.4  | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4 | 98.6 |
| ≥ 500             | 94.3                       | 96.3 | 97.2 | 97.6 | 97.9 | 97.9  | 98.5 | 98.5  | 98.5  | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 | 98.8 |
| ≥ 400             | 94.3                       | 96.4 | 97.3 | 97.7 | 98.0 | 98.1  | 98.6 | 98.6  | 98.6  | 98.6 | 98.6 | 98.6 | 98.6 | 98.6  | 98.6 | 98.9 |
| ≥ 300             | 94.3                       | 96.5 | 97.3 | 97.8 | 98.2 | 98.3  | 98.8 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8 | 99.1 |
| ≥ 200             | 94.3                       | 96.5 | 97.3 | 97.8 | 98.2 | 98.3  | 98.8 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8 | 99.1 |
| ≥ 100             | 94.3                       | 96.5 | 97.3 | 97.8 | 98.2 | 98.3  | 98.8 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8 | 99.1 |
| ≥ 0               | 94.3                       | 96.5 | 97.3 | 97.8 | 98.2 | 98.3  | 98.8 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 1107

USAFETAC FORM 0-140 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0200-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.5 | ≥ 1  | ≥ 1  | ≥ 1  | ≥ 1  | ≥ 1  | ≥ 1  | ≥ 0  |
| NO CEILING        | 77.1                       | 78.1 | 78.7 | 79.0 | 79.0 | 79.0  | 79.0 | 79.0  | 79.0  | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 |
| ≥ 20000           | 82.4                       | 83.4 | 84.1 | 84.4 | 84.4 | 84.4  | 84.4 | 84.4  | 84.4  | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.6 |
| IV 18000          | 82.5                       | 83.5 | 84.2 | 84.5 | 84.5 | 84.5  | 84.5 | 84.5  | 84.5  | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.7 |
| IV 16000          | 82.6                       | 83.6 | 84.3 | 84.7 | 84.7 | 84.7  | 84.7 | 84.7  | 84.7  | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.9 |
| IV 14000          | 84.4                       | 85.4 | 86.1 | 86.5 | 86.5 | 86.5  | 86.5 | 86.5  | 86.5  | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 |
| IV 12000          | 85.3                       | 86.4 | 87.1 | 87.4 | 87.4 | 87.4  | 87.4 | 87.4  | 87.4  | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.6 |
| IV 10000          | 86.7                       | 87.8 | 88.5 | 88.8 | 88.8 | 88.8  | 88.8 | 88.8  | 88.8  | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 |
| IV 9000           | 87.1                       | 88.2 | 88.9 | 89.3 | 89.3 | 89.3  | 89.3 | 89.3  | 89.3  | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 |
| IV 8000           | 87.6                       | 88.7 | 89.4 | 89.7 | 89.7 | 89.7  | 89.7 | 89.7  | 89.7  | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 |
| IV 7000           | 88.0                       | 89.1 | 89.8 | 90.1 | 90.1 | 90.1  | 90.1 | 90.1  | 90.1  | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 |
| IV 6000           | 88.3                       | 89.4 | 90.1 | 90.5 | 90.5 | 90.5  | 90.5 | 90.5  | 90.5  | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 |
| IV 5000           | 89.9                       | 91.1 | 91.7 | 92.1 | 92.1 | 92.1  | 92.1 | 92.1  | 92.1  | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 |
| IV 4500           | 89.9                       | 91.2 | 91.9 | 92.2 | 92.2 | 92.2  | 92.2 | 92.2  | 92.2  | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 |
| IV 4000           | 91.0                       | 92.3 | 93.1 | 93.4 | 93.5 | 93.5  | 93.5 | 93.5  | 93.5  | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 |
| IV 3500           | 91.3                       | 92.6 | 93.3 | 93.9 | 94.0 | 94.0  | 94.1 | 94.2  | 94.2  | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 |
| IV 3000           | 92.4                       | 94.0 | 94.8 | 95.1 | 95.4 | 95.4  | 95.5 | 95.6  | 95.6  | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 |
| IV 2500           | 93.4                       | 95.4 | 96.2 | 96.5 | 96.8 | 96.8  | 96.8 | 96.9  | 96.9  | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 |
| IV 2000           | 93.8                       | 95.7 | 96.5 | 96.8 | 97.1 | 97.1  | 97.1 | 97.2  | 97.2  | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 |
| IV 1800           | 93.8                       | 95.8 | 96.6 | 96.9 | 97.2 | 97.2  | 97.2 | 97.3  | 97.3  | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 |
| IV 1500           | 93.8                       | 96.0 | 96.9 | 97.4 | 97.6 | 97.6  | 97.7 | 97.8  | 97.8  | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 |
| IV 1200           | 93.8                       | 96.0 | 96.9 | 97.4 | 97.7 | 97.7  | 97.7 | 97.8  | 97.8  | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 |
| IV 1000           | 93.8                       | 96.2 | 97.2 | 97.9 | 98.1 | 98.1  | 98.1 | 98.2  | 98.2  | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 |
| IV 900            | 93.8                       | 96.2 | 97.2 | 97.8 | 98.2 | 98.2  | 98.2 | 98.3  | 98.3  | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| IV 800            | 93.8                       | 96.2 | 97.2 | 97.8 | 98.2 | 98.2  | 98.2 | 98.3  | 98.3  | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| IV 700            | 93.8                       | 96.2 | 97.2 | 97.8 | 98.2 | 98.2  | 98.2 | 98.3  | 98.3  | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| IV 600            | 93.8                       | 96.3 | 97.4 | 98.0 | 98.6 | 98.6  | 98.6 | 98.7  | 98.7  | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| IV 500            | 93.8                       | 96.3 | 97.4 | 98.0 | 98.6 | 98.6  | 98.6 | 98.7  | 98.7  | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| IV 400            | 93.8                       | 96.3 | 97.4 | 98.0 | 98.6 | 98.6  | 98.6 | 98.7  | 98.7  | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| IV 300            | 93.8                       | 96.3 | 97.4 | 98.0 | 98.6 | 98.6  | 98.6 | 98.7  | 98.7  | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| IV 200            | 93.8                       | 96.3 | 97.4 | 98.0 | 98.6 | 98.6  | 98.6 | 98.7  | 98.7  | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| IV 100            | 93.8                       | 96.3 | 97.4 | 98.0 | 98.6 | 98.6  | 98.6 | 98.7  | 98.7  | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| IV 0              | 93.8                       | 96.3 | 97.4 | 98.0 | 98.6 | 98.6  | 98.6 | 98.7  | 98.7  | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |

TOTAL NUMBER OF OBSERVATIONS 1174

USAFETAC FORM JUN 71 0-143 (OI A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE API CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2600-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.9  | ≥.8  | ≥.7  | ≥.6  | ≥.5  | ≥.4   |
| NO CEILING        | 73.6                       | 74.5 | 75.2 | 75.2 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.9  |
| ≥ 20000           | 79.8                       | 80.7 | 81.4 | 81.6 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.2  |
| IV 18000          | 80.5                       | 81.4 | 82.1 | 82.2 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.9  |
| IV 16000          | 80.8                       | 81.7 | 82.4 | 82.6 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.3  |
| IV 14000          | 83.0                       | 83.9 | 84.6 | 84.6 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.5  |
| IV 12000          | 84.5                       | 85.5 | 86.2 | 86.3 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 87.0  |
| IV 10000          | 86.1                       | 87.0 | 87.7 | 87.9 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.5  |
| IV 9000           | 86.4                       | 87.3 | 88.0 | 88.2 | 88.3 | 88.3 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.9  |
| IV 8000           | 86.7                       | 87.7 | 88.4 | 88.5 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.3  |
| IV 7000           | 87.3                       | 88.2 | 88.9 | 89.0 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.8  |
| IV 6000           | 87.7                       | 88.6 | 89.4 | 89.5 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.3  |
| IV 5000           | 88.8                       | 89.7 | 90.5 | 90.7 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.4  |
| IV 4500           | 89.2                       | 90.2 | 91.0 | 91.2 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.9  |
| IV 4000           | 90.5                       | 91.8 | 92.5 | 92.7 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.5  |
| IV 3500           | 91.3                       | 92.6 | 93.4 | 93.5 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.3  |
| IV 3000           | 92.8                       | 94.2 | 95.0 | 95.2 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.9  |
| IV 2500           | 93.6                       | 95.1 | 95.8 | 96.0 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.8  |
| IV 2000           | 94.2                       | 95.7 | 96.4 | 96.6 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.4  |
| IV 1800           | 94.2                       | 95.7 | 96.4 | 96.6 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.4  |
| IV 1500           | 94.4                       | 96.1 | 96.9 | 97.2 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0  |
| IV 1200           | 94.6                       | 96.3 | 97.1 | 97.5 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.3  |
| IV 1000           | 94.6                       | 96.3 | 97.3 | 97.7 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.9  |
| IV 900            | 94.6                       | 96.3 | 97.3 | 97.7 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.9  |
| IV 800            | 94.6                       | 96.3 | 97.3 | 97.7 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 99.0  |
| IV 700            | 94.6                       | 96.3 | 97.3 | 97.7 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 99.1  |
| IV 600            | 94.6                       | 96.3 | 97.5 | 98.0 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4  |
| IV 500            | 94.6                       | 96.3 | 97.5 | 98.0 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6  |
| IV 400            | 94.6                       | 96.3 | 97.5 | 98.0 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8  |
| IV 300            | 94.6                       | 96.3 | 97.5 | 98.0 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.9  |
| IV 200            | 94.6                       | 96.3 | 97.5 | 98.0 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 |
| IV 100            | 94.6                       | 96.3 | 97.5 | 98.0 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 |
| IV 0              | 94.6                       | 96.3 | 97.5 | 98.0 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1177

USAF ETAL FORM JUN 71 (14-1 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |      |        |       |        |        |       |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|------|--------|-------|--------|--------|-------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1  | ≥ 0.75 | ≥ 0.5 | ≥ 0.25 | ≥ 0.16 | ≥ 0.1 | ≥ 0  | ≥ 0  |
| NO CEILING        | 72.9                       | 73.8 | 74.0 | 74.4 | 74.6 | 74.7  | 74.8 | 74.9  | 74.9 | 75.0   | 75.0  | 75.0   | 75.1   | 75.1  | 75.1 | 75.1 |
| ≥ 20000           | 80.6                       | 81.4 | 81.7 | 82.1 | 82.3 | 82.4  | 82.5 | 82.5  | 82.5 | 82.6   | 82.7  | 82.7   | 82.8   | 82.8  | 82.8 | 82.8 |
| ≥ 18000           | 80.8                       | 81.7 | 81.9 | 82.4 | 82.5 | 82.6  | 82.7 | 82.8  | 82.8 | 82.9   | 83.0  | 83.0   | 83.0   | 83.0  | 83.0 | 83.0 |
| ≥ 16000           | 81.3                       | 82.1 | 82.4 | 82.8 | 83.0 | 83.0  | 83.1 | 83.2  | 83.2 | 83.3   | 83.4  | 83.4   | 83.5   | 83.5  | 83.5 | 83.5 |
| ≥ 14000           | 84.2                       | 85.1 | 85.3 | 85.8 | 85.9 | 86.0  | 86.1 | 86.2  | 86.2 | 86.3   | 86.4  | 86.4   | 86.5   | 86.5  | 86.5 | 86.5 |
| ≥ 12000           | 85.6                       | 86.5 | 86.7 | 87.1 | 87.3 | 87.4  | 87.5 | 87.6  | 87.6 | 87.7   | 87.7  | 87.7   | 87.8   | 87.8  | 87.8 | 87.8 |
| ≥ 10000           | 86.1                       | 87.0 | 87.2 | 87.6 | 87.8 | 87.9  | 88.0 | 88.1  | 88.1 | 88.2   | 88.2  | 88.2   | 88.3   | 88.3  | 88.3 | 88.3 |
| ≥ 9000            | 86.3                       | 87.1 | 87.4 | 87.8 | 88.0 | 88.1  | 88.2 | 88.2  | 88.2 | 88.3   | 88.4  | 88.4   | 88.5   | 88.5  | 88.5 | 88.5 |
| ≥ 8000            | 86.9                       | 87.7 | 88.0 | 88.4 | 88.6 | 88.7  | 88.8 | 88.8  | 88.8 | 88.9   | 89.0  | 89.0   | 89.1   | 89.1  | 89.1 | 89.1 |
| ≥ 7000            | 87.3                       | 88.3 | 88.6 | 89.0 | 89.2 | 89.3  | 89.4 | 89.4  | 89.4 | 89.5   | 89.6  | 89.6   | 89.7   | 89.7  | 89.7 | 89.7 |
| ≥ 5000            | 88.4                       | 89.3 | 89.5 | 89.9 | 90.1 | 90.2  | 90.3 | 90.4  | 90.4 | 90.5   | 90.5  | 90.5   | 90.6   | 90.6  | 90.6 | 90.6 |
| ≥ 5000            | 89.9                       | 90.8 | 91.1 | 91.5 | 91.7 | 91.7  | 91.8 | 91.9  | 91.9 | 92.0   | 92.1  | 92.1   | 92.2   | 92.2  | 92.2 | 92.2 |
| ≥ 4500            | 90.0                       | 90.9 | 91.1 | 91.5 | 91.7 | 91.8  | 91.9 | 92.0  | 92.0 | 92.1   | 92.2  | 92.2   | 92.2   | 92.2  | 92.2 | 92.2 |
| ≥ 4000            | 91.4                       | 92.3 | 92.7 | 93.1 | 93.3 | 93.4  | 93.4 | 93.5  | 93.5 | 93.6   | 93.7  | 93.7   | 93.8   | 93.8  | 93.8 | 93.8 |
| ≥ 3500            | 91.8                       | 92.8 | 93.2 | 93.6 | 93.8 | 93.9  | 94.0 | 94.0  | 94.0 | 94.1   | 94.2  | 94.2   | 94.3   | 94.3  | 94.3 | 94.3 |
| ≥ 3000            | 93.1                       | 94.6 | 95.0 | 95.4 | 95.6 | 95.7  | 95.7 | 95.8  | 95.8 | 95.9   | 96.0  | 96.0   | 96.1   | 96.1  | 96.1 | 96.1 |
| ≥ 2500            | 93.7                       | 95.4 | 95.7 | 96.2 | 96.3 | 96.4  | 96.5 | 96.6  | 96.6 | 96.7   | 96.8  | 96.8   | 96.8   | 96.8  | 96.8 | 96.8 |
| ≥ 2000            | 94.2                       | 96.0 | 96.3 | 96.9 | 97.1 | 97.2  | 97.4 | 97.4  | 97.4 | 97.5   | 97.6  | 97.6   | 97.7   | 97.7  | 97.7 | 97.7 |
| ≥ 1800            | 94.2                       | 96.0 | 96.3 | 96.9 | 97.1 | 97.2  | 97.4 | 97.4  | 97.4 | 97.5   | 97.6  | 97.6   | 97.7   | 97.7  | 97.7 | 97.7 |
| ≥ 1500            | 94.3                       | 96.7 | 97.1 | 97.7 | 97.9 | 98.0  | 98.1 | 98.4  | 98.4 | 98.5   | 98.6  | 98.6   | 98.6   | 98.6  | 98.6 | 98.6 |
| ≥ 1200            | 94.7                       | 96.9 | 97.4 | 98.0 | 98.2 | 98.3  | 98.5 | 98.7  | 98.7 | 98.8   | 98.9  | 98.9   | 99.0   | 99.0  | 99.0 | 99.0 |
| ≥ 1000            | 94.7                       | 96.9 | 97.6 | 98.2 | 98.6 | 98.7  | 98.9 | 99.4  | 99.4 | 99.5   | 99.6  | 99.6   | 99.7   | 99.7  | 99.7 | 99.7 |
| ≥ 900             | 94.7                       | 96.9 | 97.7 | 98.3 | 98.7 | 98.8  | 99.0 | 99.5  | 99.5 | 99.6   | 99.7  | 99.7   | 99.7   | 99.7  | 99.7 | 99.7 |
| ≥ 800             | 94.7                       | 96.9 | 97.7 | 98.3 | 98.7 | 98.8  | 99.0 | 99.5  | 99.5 | 99.6   | 99.7  | 99.7   | 99.7   | 99.7  | 99.7 | 99.7 |
| ≥ 700             | 94.7                       | 96.9 | 97.7 | 98.3 | 98.7 | 98.8  | 99.0 | 99.5  | 99.5 | 99.6   | 99.7  | 99.7   | 99.7   | 99.7  | 99.7 | 99.7 |
| ≥ 600             | 94.7                       | 96.9 | 97.7 | 98.3 | 98.7 | 98.8  | 99.0 | 99.5  | 99.5 | 99.6   | 99.7  | 99.7   | 99.7   | 99.7  | 99.7 | 99.7 |
| ≥ 500             | 94.7                       | 96.9 | 97.7 | 98.3 | 98.7 | 98.8  | 99.1 | 99.6  | 99.6 | 99.7   | 99.8  | 99.8   | 99.8   | 99.8  | 99.8 | 99.8 |
| ≥ 400             | 94.7                       | 96.9 | 97.7 | 98.3 | 98.7 | 98.8  | 99.1 | 99.6  | 99.6 | 99.7   | 99.8  | 99.8   | 99.8   | 99.8  | 99.8 | 99.8 |
| ≥ 300             | 94.7                       | 96.9 | 97.7 | 98.3 | 98.7 | 98.8  | 99.1 | 99.6  | 99.6 | 99.7   | 99.8  | 99.8   | 99.8   | 99.8  | 99.8 | 99.8 |
| ≥ 200             | 94.7                       | 96.9 | 97.7 | 98.3 | 98.7 | 98.8  | 99.1 | 99.6  | 99.6 | 99.7   | 99.8  | 99.8   | 99.8   | 99.8  | 99.8 | 99.8 |
| ≥ 100             | 94.7                       | 96.9 | 97.7 | 98.3 | 98.7 | 98.8  | 99.1 | 99.6  | 99.6 | 99.7   | 99.8  | 99.8   | 99.8   | 99.8  | 99.8 | 99.8 |
| ≥ 0               | 94.7                       | 96.9 | 97.7 | 98.3 | 98.7 | 98.8  | 99.1 | 99.6  | 99.6 | 99.7   | 99.8  | 99.8   | 99.8   | 99.8  | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 1174



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

ANY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.2 | ≥1   | ≥0.8 | ≥0.6 | ≥0.5 | ≥0.4  | ≥0.3  | ≥0    |
| NO CEILING        | 72.1                       | 73.0 | 73.6 | 73.7 | 73.8 | 73.8 | 74.0 | 74.0 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2  | 74.2  | 74.2  |
| ≥ 20000           | 81.3                       | 82.2 | 82.8 | 82.9 | 83.0 | 83.0 | 83.2 | 83.2 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4  | 83.4  | 83.4  |
| ≥ 18000           | 81.7                       | 82.6 | 83.2 | 83.4 | 83.4 | 83.4 | 83.6 | 83.6 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9  | 83.9  | 83.9  |
| ≥ 16000           | 82.3                       | 83.2 | 83.8 | 84.0 | 84.0 | 84.0 | 84.2 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5  | 84.5  | 84.5  |
| ≥ 14000           | 83.4                       | 84.4 | 85.0 | 85.1 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6  | 85.6  | 85.6  |
| ≥ 12000           | 85.0                       | 85.9 | 86.5 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2  | 87.2  | 87.2  |
| ≥ 10000           | 85.3                       | 86.2 | 86.8 | 87.2 | 87.2 | 87.2 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7  | 87.7  | 87.7  |
| ≥ 9000            | 85.7                       | 86.7 | 87.2 | 87.4 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1  | 88.1  | 88.1  |
| ≥ 8000            | 86.1                       | 87.0 | 87.6 | 87.9 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4  | 88.4  | 88.4  |
| ≥ 7000            | 86.8                       | 87.8 | 88.3 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2  | 89.2  | 89.2  |
| ≥ 6000            | 87.2                       | 88.2 | 88.8 | 89.1 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6  | 89.6  | 89.6  |
| ≥ 5000            | 88.5                       | 89.5 | 90.1 | 90.5 | 90.5 | 90.5 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0  | 91.0  | 91.0  |
| ≥ 4500            | 88.6                       | 89.6 | 90.2 | 90.5 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0  | 91.0  | 91.0  |
| ≥ 4000            | 90.6                       | 91.6 | 92.2 | 92.6 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1  | 93.1  | 93.1  |
| ≥ 3500            | 91.3                       | 92.3 | 92.9 | 93.2 | 93.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8  | 93.8  | 93.8  |
| ≥ 3000            | 92.7                       | 93.8 | 94.4 | 94.8 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4  | 95.4  | 95.4  |
| ≥ 2500            | 93.8                       | 95.1 | 95.7 | 96.2 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0  | 97.0  | 97.0  |
| ≥ 2000            | 94.8                       | 96.3 | 97.0 | 97.5 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4  | 98.4  | 98.4  |
| ≥ 1800            | 94.8                       | 96.4 | 97.0 | 97.6 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5  | 98.5  | 98.5  |
| ≥ 1500            | 95.1                       | 97.0 | 97.6 | 98.1 | 98.4 | 98.4 | 98.8 | 98.8 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3  | 99.3  | 99.3  |
| ≥ 1200            | 95.2                       | 97.0 | 97.7 | 98.2 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4  | 99.4  | 99.4  |
| ≥ 1000            | 95.2                       | 97.1 | 97.8 | 98.3 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7  | 99.7  | 99.7  |
| ≥ 900             | 95.2                       | 97.1 | 97.8 | 98.3 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7  | 99.7  | 99.7  |
| ≥ 800             | 95.2                       | 97.1 | 97.8 | 98.3 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7  | 99.7  | 99.7  |
| ≥ 700             | 95.2                       | 97.1 | 97.8 | 98.4 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8  | 99.8  | 99.8  |
| ≥ 600             | 95.2                       | 97.1 | 97.8 | 98.4 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 95.2                       | 97.1 | 97.8 | 98.4 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 95.2                       | 97.1 | 97.8 | 98.4 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 95.2                       | 97.1 | 97.8 | 98.4 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 95.2                       | 97.1 | 97.8 | 98.4 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 95.2                       | 97.1 | 97.8 | 98.4 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 95.2                       | 97.1 | 97.8 | 98.4 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1184

FORM 3143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

J A .  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 5-16 | ≥ ¼  | ≥ 0  |
| NO CEILING        | 71.6                       | 72.8 | 73.1 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7   | 73.7 | 73.7 |
| ≥ 20000           | 78.7                       | 80.1 | 80.4 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0   | 81.0 | 81.0 |
| ≥ 18000           | 79.9                       | 81.3 | 81.6 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2   | 82.2 | 82.2 |
| ≥ 16000           | 80.2                       | 81.6 | 81.9 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4   | 82.4 | 82.4 |
| ≥ 14000           | 82.7                       | 84.2 | 84.5 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1   | 85.1 | 85.1 |
| ≥ 12000           | 83.3                       | 85.1 | 85.4 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0   | 86.0 | 86.0 |
| ≥ 10000           | 84.1                       | 85.9 | 86.2 | 86.6 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0   | 87.0 | 87.0 |
| ≥ 9000            | 84.7                       | 86.5 | 86.8 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6   | 87.6 | 87.6 |
| ≥ 8000            | 85.0                       | 86.8 | 87.1 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0   | 88.0 | 88.0 |
| ≥ 7000            | 85.5                       | 87.6 | 88.0 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8   | 88.8 | 88.8 |
| ≥ 6000            | 85.9                       | 88.0 | 88.4 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2   | 89.2 | 89.2 |
| ≥ 5000            | 86.8                       | 89.0 | 89.3 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2   | 90.2 | 90.2 |
| ≥ 4500            | 87.4                       | 89.3 | 89.7 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5   | 90.5 | 90.5 |
| ≥ 4000            | 88.4                       | 90.6 | 90.9 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8   | 91.8 | 91.8 |
| ≥ 3500            | 88.7                       | 91.1 | 91.5 | 92.1 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4   | 92.4 | 92.4 |
| ≥ 3000            | 89.8                       | 92.1 | 92.6 | 93.2 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5   | 93.5 | 93.5 |
| ≥ 2500            | 90.9                       | 93.6 | 94.0 | 94.9 | 95.0 | 95.0 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5   | 95.5 | 95.5 |
| ≥ 2000            | 92.4                       | 95.4 | 95.8 | 96.8 | 97.1 | 97.1 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5   | 97.5 | 97.5 |
| ≥ 1800            | 92.4                       | 95.4 | 95.8 | 96.8 | 97.1 | 97.1 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5   | 97.5 | 97.5 |
| ≥ 1500            | 92.7                       | 96.0 | 96.4 | 97.4 | 97.7 | 97.7 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1   | 98.1 | 98.1 |
| ≥ 1200            | 92.7                       | 96.1 | 96.5 | 97.5 | 97.8 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2   | 98.2 | 98.2 |
| ≥ 1000            | 93.2                       | 96.6 | 97.0 | 98.1 | 98.5 | 98.5 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0   | 99.0 | 99.0 |
| ≥ 900             | 93.2                       | 96.6 | 97.0 | 98.1 | 98.5 | 98.5 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0   | 99.0 | 99.0 |
| ≥ 800             | 93.2                       | 96.7 | 97.1 | 98.2 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1 | 99.1 |
| ≥ 700             | 93.2                       | 96.7 | 97.1 | 98.2 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1 | 99.1 |
| ≥ 600             | 93.2                       | 96.7 | 97.1 | 98.2 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1 | 99.1 |
| ≥ 500             | 93.2                       | 96.7 | 97.1 | 98.2 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1 | 99.1 |
| ≥ 400             | 93.2                       | 96.7 | 97.1 | 98.2 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1 | 99.1 |
| ≥ 300             | 93.2                       | 96.7 | 97.1 | 98.2 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1 | 99.1 |
| ≥ 200             | 93.2                       | 96.7 | 97.1 | 98.2 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1 | 99.1 |
| ≥ 100             | 93.2                       | 96.7 | 97.1 | 98.2 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1 | 99.1 |
| ≥ 0               | 93.2                       | 96.7 | 97.1 | 98.2 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 1171



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (EST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .9 | ≥ .8 | ≥ .7 | ≥ .6 | ≥ .5 | ≥ 0  |
| NO CEILING        | 79.2                       | 81.2 | 81.6 | 82.0 | 82.0 | 82.0  | 82.0 | 82.0  | 82.0  | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 20000           | 83.1                       | 85.0 | 85.4 | 85.8 | 85.8 | 85.8  | 85.8 | 85.8  | 85.8  | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 18000           | 83.2                       | 85.2 | 85.7 | 86.0 | 86.0 | 86.0  | 86.0 | 86.0  | 86.0  | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 16000           | 83.7                       | 85.6 | 86.0 | 86.4 | 86.4 | 86.4  | 86.4 | 86.4  | 86.4  | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 14000           | 84.9                       | 87.0 | 87.4 | 87.7 | 87.7 | 87.7  | 87.7 | 87.7  | 87.7  | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 12000           | 85.9                       | 88.1 | 88.5 | 88.9 | 88.9 | 88.9  | 88.9 | 88.9  | 88.9  | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 10000           | 86.5                       | 89.0 | 89.4 | 89.9 | 89.9 | 89.9  | 89.9 | 89.9  | 89.9  | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 9000            | 86.8                       | 89.4 | 89.9 | 90.3 | 90.3 | 90.3  | 90.3 | 90.3  | 90.3  | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 8000            | 87.7                       | 90.3 | 90.7 | 91.1 | 91.1 | 91.1  | 91.1 | 91.1  | 91.1  | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 7000            | 88.2                       | 90.9 | 91.5 | 91.9 | 92.0 | 92.0  | 92.0 | 92.0  | 92.0  | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 6000            | 88.5                       | 91.3 | 91.9 | 92.3 | 92.4 | 92.4  | 92.4 | 92.4  | 92.4  | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 5000            | 88.8                       | 91.7 | 92.3 | 92.7 | 92.8 | 92.8  | 92.8 | 92.8  | 92.8  | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4000            | 89.0                       | 91.9 | 92.5 | 92.9 | 93.0 | 93.0  | 93.0 | 93.0  | 93.0  | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3500            | 89.3                       | 92.3 | 93.4 | 93.9 | 94.0 | 94.0  | 94.0 | 94.0  | 94.0  | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 3000            | 89.7                       | 93.1 | 93.9 | 94.3 | 94.4 | 94.4  | 94.4 | 94.4  | 94.4  | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 2500            | 90.1                       | 93.6 | 94.4 | 94.8 | 94.9 | 94.9  | 94.9 | 94.9  | 94.9  | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 2000            | 90.7                       | 94.3 | 95.1 | 95.6 | 95.7 | 95.7  | 95.7 | 95.7  | 95.7  | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1800            | 91.7                       | 95.3 | 96.3 | 96.8 | 96.9 | 96.9  | 97.2 | 97.3  | 97.3  | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1500            | 91.9                       | 95.7 | 96.8 | 97.2 | 97.4 | 97.4  | 97.6 | 97.7  | 97.7  | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1200            | 91.9                       | 95.7 | 96.9 | 97.4 | 97.5 | 97.5  | 98.0 | 98.0  | 98.0  | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000            | 92.1                       | 95.9 | 97.1 | 97.5 | 97.8 | 97.8  | 98.2 | 98.3  | 98.3  | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900             | 92.3                       | 96.1 | 97.3 | 97.9 | 98.3 | 98.3  | 98.8 | 98.9  | 98.9  | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800             | 92.3                       | 96.1 | 97.3 | 97.9 | 98.3 | 98.3  | 98.8 | 98.9  | 98.9  | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700             | 92.3                       | 96.2 | 97.4 | 98.0 | 98.5 | 98.5  | 99.0 | 99.1  | 99.1  | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600             | 92.3                       | 96.2 | 97.4 | 98.0 | 98.5 | 98.5  | 99.0 | 99.1  | 99.1  | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500             | 92.3                       | 96.2 | 97.4 | 98.0 | 98.5 | 98.5  | 99.0 | 99.1  | 99.1  | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400             | 92.3                       | 96.2 | 97.4 | 98.0 | 98.5 | 98.5  | 99.0 | 99.1  | 99.1  | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 300             | 92.3                       | 96.2 | 97.4 | 98.0 | 98.5 | 98.5  | 99.0 | 99.1  | 99.1  | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 200             | 92.3                       | 96.2 | 97.4 | 98.0 | 98.5 | 98.5  | 99.0 | 99.1  | 99.1  | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 100             | 92.3                       | 96.2 | 97.4 | 98.0 | 98.5 | 98.5  | 99.0 | 99.1  | 99.1  | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 0               | 92.3                       | 96.2 | 97.4 | 98.0 | 98.5 | 98.5  | 99.0 | 99.1  | 99.1  | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 1173



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

28182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54-61-64-71-73  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .9 | ≥ .8 | ≥ .7 | ≥ .6 | ≥ .5 | ≥ 0  |
| NO CEILING        | 81.7                       | 83.4 | 83.5 | 83.8 | 83.8 | 83.8  | 83.8 | 83.8  | 83.8  | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 20000           | 85.2                       | 86.9 | 87.1 | 87.4 | 87.4 | 87.4  | 87.4 | 87.4  | 87.4  | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 18000           | 85.4                       | 87.2 | 87.6 | 87.8 | 87.8 | 87.8  | 87.8 | 87.8  | 87.8  | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 16000           | 85.5                       | 87.3 | 87.7 | 87.9 | 87.9 | 87.9  | 87.9 | 87.9  | 87.9  | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 14000           | 86.5                       | 88.1 | 88.4 | 88.7 | 88.7 | 88.7  | 88.7 | 88.7  | 88.7  | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 12000           | 87.5                       | 89.3 | 89.6 | 89.9 | 89.9 | 89.9  | 89.9 | 89.9  | 89.9  | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 10000           | 88.5                       | 90.2 | 90.6 | 90.8 | 90.8 | 90.8  | 90.8 | 90.8  | 90.8  | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 9000            | 88.4                       | 90.5 | 90.8 | 91.1 | 91.1 | 91.1  | 91.1 | 91.1  | 91.1  | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 8000            | 88.8                       | 90.8 | 91.2 | 91.4 | 91.4 | 91.4  | 91.4 | 91.4  | 91.4  | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 7000            | 89.1                       | 91.3 | 91.7 | 91.9 | 91.9 | 91.9  | 91.9 | 91.9  | 91.9  | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 6000            | 89.7                       | 92.0 | 92.4 | 92.6 | 92.6 | 92.6  | 92.6 | 92.6  | 92.6  | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 5000            | 90.5                       | 93.1 | 93.4 | 93.7 | 93.7 | 93.7  | 93.7 | 93.7  | 93.7  | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 4500            | 90.7                       | 93.2 | 93.7 | 93.9 | 93.9 | 93.9  | 93.9 | 93.9  | 93.9  | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 4000            | 91.0                       | 93.7 | 94.2 | 94.4 | 94.4 | 94.4  | 94.4 | 94.4  | 94.4  | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 3500            | 91.5                       | 94.3 | 94.8 | 95.0 | 95.0 | 95.0  | 95.0 | 95.0  | 95.0  | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 3000            | 92.2                       | 95.0 | 95.5 | 95.7 | 95.7 | 95.7  | 95.7 | 95.7  | 95.7  | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 2500            | 92.5                       | 95.3 | 95.7 | 96.1 | 96.1 | 96.1  | 96.1 | 96.1  | 96.1  | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 2000            | 92.9                       | 95.8 | 96.2 | 96.8 | 96.8 | 97.1  | 97.1 | 97.3  | 97.3  | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1800            | 93.1                       | 96.0 | 96.4 | 97.0 | 97.0 | 97.3  | 97.3 | 97.5  | 97.5  | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1500            | 93.1                       | 96.1 | 96.6 | 97.3 | 97.3 | 97.5  | 97.5 | 97.8  | 97.8  | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1200            | 93.2                       | 96.2 | 96.7 | 97.4 | 97.4 | 97.7  | 97.7 | 97.9  | 97.9  | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1000            | 93.3                       | 96.7 | 97.2 | 97.9 | 98.1 | 98.4  | 98.4 | 98.6  | 98.6  | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 900             | 93.5                       | 96.7 | 97.2 | 97.9 | 98.1 | 98.4  | 98.4 | 98.6  | 98.6  | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 800             | 93.5                       | 96.7 | 97.2 | 97.9 | 98.1 | 98.4  | 98.4 | 98.6  | 98.6  | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700             | 93.5                       | 96.7 | 97.2 | 97.9 | 98.2 | 98.5  | 98.5 | 98.7  | 98.7  | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600             | 93.5                       | 96.7 | 97.2 | 98.0 | 98.3 | 98.5  | 98.5 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500             | 93.5                       | 96.7 | 97.2 | 98.0 | 98.3 | 98.5  | 98.5 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 400             | 93.5                       | 96.7 | 97.2 | 98.0 | 98.3 | 98.5  | 98.5 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 300             | 93.5                       | 96.7 | 97.2 | 98.0 | 98.3 | 98.5  | 98.5 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 200             | 93.5                       | 96.7 | 97.2 | 98.0 | 98.3 | 98.5  | 98.5 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 100             | 93.5                       | 96.7 | 97.2 | 98.0 | 98.3 | 98.5  | 98.5 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 0               | 93.5                       | 96.7 | 97.2 | 98.0 | 98.3 | 98.5  | 98.5 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |

TOTAL NUMBER OF OBSERVATIONS 1167

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APY CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FCB  
MO '74

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 1/16 | ≥ 0  |
| NO CEILING        | 84.1                       | 84.9 | 85.3 | 85.4 | 85.5 | 85.5 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8   | 85.8 |
| ≥ 20000           | 87.4                       | 88.2 | 88.6 | 88.7 | 88.8 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1   | 89.1 |
| ≥ 18000           | 87.5                       | 88.3 | 88.7 | 88.8 | 88.9 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2   | 89.2 |
| ≥ 16000           | 87.5                       | 88.3 | 88.7 | 88.8 | 88.9 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2   | 89.2 |
| ≥ 14000           | 88.6                       | 89.5 | 89.8 | 89.9 | 90.0 | 90.0 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3   | 90.3 |
| ≥ 12000           | 89.6                       | 90.7 | 91.1 | 91.1 | 91.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5   | 91.5 |
| ≥ 10000           | 90.1                       | 91.1 | 91.4 | 91.5 | 91.6 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9   | 91.9 |
| ≥ 9000            | 90.6                       | 91.7 | 92.1 | 92.2 | 92.3 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6   | 92.6 |
| ≥ 8000            | 91.5                       | 92.6 | 92.9 | 93.1 | 93.2 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5   | 93.5 |
| ≥ 7000            | 92.1                       | 93.1 | 93.5 | 93.7 | 93.8 | 93.8 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1   | 94.1 |
| ≥ 6000            | 92.4                       | 93.4 | 93.8 | 94.0 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4   | 94.4 |
| ≥ 5000            | 93.3                       | 94.4 | 94.9 | 95.1 | 95.2 | 95.2 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8   | 95.8 |
| ≥ 4500            | 93.8                       | 94.9 | 95.5 | 95.7 | 95.8 | 95.8 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3   | 96.3 |
| ≥ 4000            | 94.9                       | 96.1 | 96.7 | 97.0 | 97.1 | 97.1 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6   | 97.6 |
| ≥ 3500            | 95.3                       | 96.5 | 97.1 | 97.4 | 97.5 | 97.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0   | 98.0 |
| ≥ 3000            | 95.8                       | 97.0 | 97.6 | 97.8 | 97.9 | 97.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5   | 98.5 |
| ≥ 2500            | 96.2                       | 97.5 | 98.0 | 98.3 | 98.4 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0   | 99.0 |
| ≥ 2000            | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 1800            | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 1500            | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 1200            | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 1000            | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 900             | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 800             | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 700             | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 600             | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 500             | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 400             | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 300             | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 200             | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 100             | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |
| ≥ 0               | 96.3                       | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 1092

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5-16 | ≥ 4   | ≥ 0   |
| NO CEILING        | 81.8                       | 83.3 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8  | 83.8  | 83.8  | 83.8  | 83.8   | 83.8  | 83.8  |
| ≥ 20000           | 85.6                       | 87.4 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0  | 88.0  | 88.0  | 88.0  | 88.0   | 88.0  | 88.0  |
| ≥ 18000           | 85.6                       | 87.4 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0  | 88.0  | 88.0  | 88.0  | 88.0   | 88.0  | 88.0  |
| ≥ 16000           | 86.0                       | 87.8 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3  | 88.3  | 88.3  | 88.3  | 88.3   | 88.3  | 88.3  |
| ≥ 14000           | 86.9                       | 88.7 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3  | 89.3  | 89.3  | 89.3  | 89.3   | 89.3  | 89.3  |
| ≥ 12000           | 87.6                       | 89.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9  | 89.9  | 89.9  | 89.9  | 89.9   | 89.9  | 89.9  |
| ≥ 10000           | 88.6                       | 90.7 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3  | 91.3  | 91.3  | 91.3  | 91.3   | 91.3  | 91.3  |
| ≥ 9000            | 88.9                       | 91.0 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5  | 91.5  | 91.5  | 91.5  | 91.5   | 91.5  | 91.5  |
| ≥ 8000            | 89.2                       | 91.3 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8  | 91.8  | 91.8  | 91.8  | 91.8   | 91.8  | 91.8  |
| ≥ 7000            | 89.7                       | 91.7 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3  | 92.3  | 92.3  | 92.3  | 92.3   | 92.3  | 92.3  |
| ≥ 6000            | 90.0                       | 92.1 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7  | 92.7  | 92.7  | 92.7  | 92.7   | 92.7  | 92.7  |
| ≥ 5000            | 90.7                       | 93.0 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.9 | 93.9 | 93.9  | 94.0  | 94.0  | 94.0  | 94.0   | 94.0  | 94.0  |
| ≥ 4500            | 91.1                       | 93.4 | 94.1 | 94.1 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4  | 94.5  | 94.5  | 94.5  | 94.5   | 94.5  | 94.5  |
| ≥ 4000            | 93.2                       | 95.7 | 96.4 | 96.5 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 | 97.0  | 97.0  | 97.0  | 97.0  | 97.0   | 97.0  | 97.0  |
| ≥ 3500            | 94.0                       | 96.5 | 97.3 | 97.4 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.8  | 97.8  | 97.8  | 97.8  | 97.8   | 97.8  | 97.8  |
| ≥ 3000            | 94.7                       | 97.3 | 98.0 | 98.1 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  | 98.6  |
| ≥ 2500            | 95.2                       | 97.7 | 98.5 | 98.6 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1  | 99.1  |
| ≥ 2000            | 95.7                       | 98.2 | 99.0 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 1800            | 95.8                       | 98.3 | 99.1 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1500            | 95.8                       | 98.3 | 99.1 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1200            | 95.8                       | 98.3 | 99.1 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1000            | 95.8                       | 98.3 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| ≥ 900             | 95.8                       | 98.3 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| ≥ 800             | 95.8                       | 98.3 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| ≥ 700             | 95.8                       | 98.4 | 99.2 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 95.8                       | 98.4 | 99.2 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 95.8                       | 98.4 | 99.2 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 95.8                       | 98.4 | 99.2 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 95.8                       | 98.4 | 99.2 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 95.8                       | 98.4 | 99.2 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 95.8                       | 98.4 | 99.2 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 95.8                       | 98.4 | 99.2 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1004

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

04-0-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |      |       |        |        |       |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|------|-------|--------|--------|-------|------|
|                   | ≥ 10                       | ≥ 9  | ≥ 8  | ≥ 7  | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2  | ≥ 1.5 | ≥ 1  | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0  |
| NO CEILING        | 72.3                       | 73.4 | 73.6 | 73.8 | 74.0 | 74.0 | 74.2 | 74.4 | 74.4 | 74.4  | 74.5 | 74.5  | 74.5   | 74.5   | 74.5  | 74.5 |
| ≥ 20000           | 80.6                       | 81.4 | 81.7 | 82.0 | 82.1 | 82.1 | 82.4 | 82.6 | 82.6 | 82.6  | 82.7 | 82.7  | 82.7   | 82.7   | 82.7  | 82.7 |
| IV 18000          | 80.9                       | 82.4 | 82.7 | 83.0 | 83.2 | 83.2 | 83.5 | 83.6 | 83.6 | 83.6  | 83.7 | 83.7  | 83.7   | 83.7   | 83.7  | 83.7 |
| IV 16000          | 81.9                       | 83.4 | 83.6 | 83.9 | 84.1 | 84.1 | 84.4 | 84.6 | 84.6 | 84.6  | 84.7 | 84.7  | 84.7   | 84.7   | 84.7  | 84.7 |
| IV 14000          | 83.8                       | 85.4 | 85.7 | 86.0 | 86.2 | 86.2 | 86.5 | 86.7 | 86.7 | 86.7  | 86.7 | 86.7  | 86.7   | 86.7   | 86.7  | 86.7 |
| IV 12000          | 84.5                       | 86.1 | 86.4 | 86.7 | 86.8 | 86.8 | 87.1 | 87.3 | 87.3 | 87.3  | 87.4 | 87.4  | 87.4   | 87.4   | 87.4  | 87.4 |
| IV 10000          | 86.3                       | 88.1 | 88.3 | 88.6 | 88.8 | 88.8 | 89.1 | 89.3 | 89.3 | 89.3  | 89.4 | 89.4  | 89.4   | 89.4   | 89.4  | 89.4 |
| IV 9000           | 86.7                       | 88.5 | 88.8 | 89.1 | 89.3 | 89.3 | 89.6 | 89.8 | 89.8 | 89.8  | 89.8 | 89.8  | 89.8   | 89.8   | 89.8  | 89.8 |
| IV 8000           | 87.5                       | 89.4 | 89.7 | 89.9 | 90.1 | 90.1 | 90.4 | 90.6 | 90.6 | 90.6  | 90.7 | 90.7  | 90.7   | 90.7   | 90.7  | 90.7 |
| IV 7000           | 88.7                       | 90.6 | 90.9 | 91.2 | 91.4 | 91.4 | 91.6 | 91.8 | 91.8 | 91.8  | 91.9 | 91.9  | 91.9   | 91.9   | 91.9  | 91.9 |
| IV 6000           | 89.7                       | 91.5 | 91.8 | 92.1 | 92.3 | 92.3 | 92.6 | 92.8 | 92.8 | 92.8  | 92.9 | 92.9  | 92.9   | 92.9   | 92.9  | 92.9 |
| IV 5000           | 90.7                       | 92.6 | 92.9 | 93.1 | 93.4 | 93.4 | 93.8 | 94.0 | 94.0 | 94.0  | 94.2 | 94.2  | 94.2   | 94.2   | 94.2  | 94.2 |
| IV 4500           | 91.0                       | 92.9 | 93.1 | 93.4 | 93.7 | 93.7 | 94.1 | 94.3 | 94.3 | 94.3  | 94.5 | 94.5  | 94.5   | 94.5   | 94.5  | 94.5 |
| IV 4000           | 92.4                       | 94.4 | 94.6 | 94.9 | 95.3 | 95.3 | 95.7 | 95.9 | 95.9 | 95.9  | 96.1 | 96.1  | 96.1   | 96.1   | 96.1  | 96.1 |
| IV 3500           | 93.0                       | 95.4 | 95.7 | 96.0 | 96.3 | 96.3 | 96.7 | 96.9 | 96.9 | 96.9  | 97.1 | 97.1  | 97.1   | 97.1   | 97.1  | 97.1 |
| IV 3000           | 94.3                       | 96.6 | 96.9 | 97.2 | 97.6 | 97.6 | 97.9 | 98.1 | 98.1 | 98.1  | 98.3 | 98.3  | 98.3   | 98.3   | 98.3  | 98.3 |
| IV 2500           | 94.6                       | 97.0 | 97.3 | 97.7 | 98.0 | 98.0 | 98.4 | 98.6 | 98.6 | 98.6  | 98.8 | 98.8  | 98.8   | 98.8   | 98.8  | 98.8 |
| IV 2000           | 95.1                       | 97.5 | 97.7 | 98.1 | 98.5 | 98.5 | 98.9 | 99.1 | 99.1 | 99.1  | 99.2 | 99.2  | 99.2   | 99.2   | 99.2  | 99.2 |
| IV 1800           | 95.1                       | 97.5 | 97.7 | 98.1 | 98.5 | 98.5 | 98.9 | 99.1 | 99.1 | 99.1  | 99.2 | 99.2  | 99.2   | 99.2   | 99.2  | 99.2 |
| IV 1500           | 95.2                       | 97.6 | 97.9 | 98.3 | 98.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2  | 99.4 | 99.4  | 99.4   | 99.4   | 99.4  | 99.4 |
| IV 1200           | 95.2                       | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5  | 99.7 | 99.7  | 99.7   | 99.7   | 99.7  | 99.7 |
| IV 1000           | 95.2                       | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5  | 99.7 | 99.7  | 99.7   | 99.7   | 99.7  | 99.7 |
| IV 900            | 95.2                       | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5  | 99.7 | 99.7  | 99.7   | 99.7   | 99.7  | 99.7 |
| IV 800            | 95.2                       | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5  | 99.7 | 99.7  | 99.7   | 99.7   | 99.7  | 99.7 |
| IV 700            | 95.2                       | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5  | 99.7 | 99.7  | 99.7   | 99.7   | 99.7  | 99.7 |
| IV 600            | 95.2                       | 97.6 | 98.0 | 98.6 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5  | 99.7 | 99.7  | 99.7   | 99.7   | 99.7  | 99.7 |
| IV 500            | 95.2                       | 97.6 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6  | 99.9 | 99.9  | 99.9   | 99.9   | 99.9  | 99.9 |
| IV 400            | 95.2                       | 97.6 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6  | 99.9 | 99.9  | 99.9   | 99.9   | 99.9  | 99.9 |
| IV 300            | 95.2                       | 97.6 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6  | 99.9 | 99.9  | 99.9   | 99.9   | 99.9  | 99.9 |
| IV 200            | 95.2                       | 97.6 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6  | 99.9 | 99.9  | 99.9   | 99.9   | 99.9  | 99.9 |
| IV 100            | 95.2                       | 97.6 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6  | 99.9 | 99.9  | 99.9   | 99.9   | 99.9  | 99.9 |
| IV 0              | 95.2                       | 97.6 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6  | 99.9 | 99.9  | 99.9   | 99.9   | 99.9  | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 1264

USAFETAC FORM JUN 71 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 51-64, 71-73  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |       |      |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|-------|------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .9 | ≥ .8 | ≥ .75 | ≥ .6 | ≥ .5 | ≥ 0  |
| NO CEILING        | 72.9                       | 74.7 | 75.1 | 75.1 | 75.3 | 75.4  | 75.7 | 75.8  | 75.8  | 75.8 | 75.8 | 75.8 | 75.8  | 75.8 | 75.8 | 75.8 |
| ≥ 20000           | 80.5                       | 82.6 | 83.1 | 83.1 | 83.3 | 83.4  | 83.7 | 83.8  | 83.8  | 83.8 | 83.8 | 83.8 | 83.8  | 83.8 | 83.8 | 83.8 |
| ≥ 18000           | 81.1                       | 83.2 | 83.6 | 83.6 | 83.8 | 84.0  | 84.3 | 84.4  | 84.4  | 84.4 | 84.4 | 84.4 | 84.4  | 84.4 | 84.4 | 84.4 |
| ≥ 16000           | 81.7                       | 83.8 | 84.3 | 84.3 | 84.5 | 84.7  | 84.9 | 85.0  | 85.0  | 85.0 | 85.0 | 85.0 | 85.0  | 85.0 | 85.0 | 85.0 |
| ≥ 14000           | 82.8                       | 84.9 | 85.4 | 85.4 | 85.6 | 85.8  | 86.1 | 86.2  | 86.2  | 86.2 | 86.2 | 86.2 | 86.2  | 86.2 | 86.2 | 86.2 |
| ≥ 12000           | 83.5                       | 86.1 | 86.5 | 86.5 | 86.7 | 86.9  | 87.2 | 87.3  | 87.3  | 87.3 | 87.3 | 87.3 | 87.3  | 87.3 | 87.3 | 87.3 |
| ≥ 10000           | 84.7                       | 87.2 | 87.8 | 87.8 | 88.1 | 88.2  | 88.5 | 88.6  | 88.6  | 88.6 | 88.6 | 88.6 | 88.6  | 88.6 | 88.6 | 88.6 |
| ≥ 9000            | 85.0                       | 87.6 | 88.1 | 88.1 | 88.4 | 88.6  | 88.9 | 89.0  | 89.0  | 89.0 | 89.0 | 89.0 | 89.0  | 89.0 | 89.0 | 89.0 |
| ≥ 8000            | 85.6                       | 88.1 | 88.7 | 88.7 | 89.0 | 89.2  | 89.5 | 89.6  | 89.6  | 89.6 | 89.6 | 89.6 | 89.6  | 89.6 | 89.6 | 89.6 |
| ≥ 7000            | 87.1                       | 89.7 | 90.2 | 90.2 | 90.5 | 90.7  | 91.0 | 91.1  | 91.1  | 91.1 | 91.1 | 91.1 | 91.1  | 91.1 | 91.1 | 91.1 |
| ≥ 6000            | 87.7                       | 90.2 | 90.8 | 90.8 | 91.1 | 91.3  | 91.5 | 91.6  | 91.6  | 91.6 | 91.6 | 91.6 | 91.6  | 91.6 | 91.6 | 91.6 |
| ≥ 5000            | 88.6                       | 91.2 | 91.7 | 91.7 | 92.0 | 92.2  | 92.5 | 92.6  | 92.6  | 92.6 | 92.6 | 92.6 | 92.6  | 92.6 | 92.6 | 92.6 |
| ≥ 4500            | 89.1                       | 91.6 | 92.2 | 92.2 | 92.5 | 92.7  | 92.9 | 93.0  | 93.0  | 93.0 | 93.0 | 93.0 | 93.0  | 93.0 | 93.0 | 93.0 |
| ≥ 4000            | 90.2                       | 92.8 | 93.3 | 93.3 | 93.6 | 93.8  | 94.1 | 94.2  | 94.2  | 94.2 | 94.2 | 94.2 | 94.2  | 94.2 | 94.2 | 94.2 |
| ≥ 3500            | 91.1                       | 94.0 | 94.5 | 94.5 | 94.8 | 95.0  | 95.3 | 95.4  | 95.4  | 95.4 | 95.4 | 95.4 | 95.4  | 95.4 | 95.4 | 95.4 |
| ≥ 3000            | 92.6                       | 95.5 | 96.0 | 96.0 | 96.3 | 96.5  | 96.8 | 96.9  | 96.9  | 96.9 | 96.9 | 96.9 | 96.9  | 96.9 | 96.9 | 96.9 |
| ≥ 2500            | 93.8                       | 96.7 | 97.3 | 97.3 | 97.6 | 97.7  | 98.0 | 98.1  | 98.1  | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.1 | 98.1 |
| ≥ 2000            | 94.4                       | 97.5 | 98.1 | 98.1 | 98.4 | 98.6  | 98.9 | 99.0  | 99.0  | 99.0 | 99.0 | 99.0 | 99.0  | 99.0 | 99.0 | 99.0 |
| ≥ 1800            | 94.4                       | 97.5 | 98.1 | 98.1 | 98.4 | 98.6  | 98.9 | 99.0  | 99.0  | 99.0 | 99.0 | 99.0 | 99.0  | 99.0 | 99.0 | 99.0 |
| ≥ 1600            | 94.6                       | 97.6 | 98.4 | 98.4 | 98.8 | 99.0  | 99.2 | 99.3  | 99.3  | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 | 99.3 | 99.3 |
| ≥ 1400            | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 1200            | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 1000            | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 900             | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 800             | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 700             | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 600             | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 500             | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 400             | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 300             | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 200             | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 100             | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 0               | 94.7                       | 97.7 | 98.5 | 98.5 | 98.9 | 99.1  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 1003

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.9  | ≥.8  | ≥.75 | ≥.7  | ≥.6  | ≥0   |
| NO CEILING        | 69.5                       | 70.9 | 71.3 | 71.6 | 72.5 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.9 |
| ≥ 20000           | 77.1                       | 79.0 | 79.4 | 80.1 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 |
| ≥ 18000           | 78.2                       | 80.2 | 80.5 | 81.2 | 82.1 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 |
| ≥ 16000           | 79.2                       | 81.2 | 81.6 | 82.2 | 83.2 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 |
| ≥ 14000           | 80.2                       | 82.2 | 82.6 | 83.4 | 84.3 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 |
| ≥ 12000           | 81.8                       | 83.8 | 84.2 | 85.0 | 85.9 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 |
| ≥ 10000           | 82.4                       | 84.7 | 85.2 | 85.9 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 9000            | 82.7                       | 85.0 | 85.4 | 86.2 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 |
| ≥ 8000            | 83.9                       | 86.2 | 86.7 | 87.4 | 88.4 | 88.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 |
| ≥ 7000            | 84.5                       | 86.9 | 87.3 | 88.1 | 89.0 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 |
| ≥ 6000            | 85.2                       | 87.5 | 88.0 | 88.8 | 89.7 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 |
| ≥ 5000            | 86.6                       | 88.9 | 89.4 | 90.2 | 91.1 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 |
| ≥ 4500            | 87.0                       | 89.3 | 89.8 | 90.5 | 91.5 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 |
| ≥ 4000            | 88.5                       | 90.8 | 91.3 | 92.1 | 93.0 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 |
| ≥ 3500            | 89.5                       | 92.0 | 92.5 | 93.3 | 94.2 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 |
| ≥ 3000            | 91.4                       | 93.5 | 94.4 | 95.2 | 96.1 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 |
| ≥ 2500            | 92.0                       | 94.4 | 95.0 | 95.7 | 96.7 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 |
| ≥ 2000            | 93.0                       | 95.5 | 96.0 | 96.8 | 97.9 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 |
| ≥ 1800            | 93.0                       | 95.5 | 96.0 | 96.8 | 97.9 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 |
| ≥ 1500            | 93.8                       | 96.2 | 96.8 | 97.8 | 99.1 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| ≥ 1200            | 93.9                       | 96.3 | 96.9 | 97.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 1000            | 93.9                       | 96.3 | 96.9 | 97.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 900             | 93.9                       | 96.3 | 96.9 | 97.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 800             | 93.9                       | 96.3 | 96.9 | 97.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 700             | 93.9                       | 96.3 | 96.9 | 97.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 600             | 93.9                       | 96.3 | 96.9 | 97.9 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 500             | 93.9                       | 96.3 | 96.9 | 97.9 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 400             | 93.9                       | 96.3 | 96.9 | 97.9 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 300             | 93.9                       | 96.3 | 96.9 | 97.9 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 200             | 93.9                       | 96.3 | 96.9 | 97.9 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 100             | 93.9                       | 96.3 | 96.9 | 97.9 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 0               | 93.9                       | 96.3 | 96.9 | 97.9 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 1054

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-34, 61-64, 71-73  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.9  | ≥.8  | ≥.7  | ≥.6  | ≥.5  | ≥0   |
| NO CEILING        | 70.9                       | 71.8 | 72.2 | 72.7 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 20000           | 77.5                       | 78.5 | 79.0 | 79.5 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| IV 18000          | 78.9                       | 79.9 | 80.5 | 80.9 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| IV 16000          | 79.5                       | 80.5 | 81.0 | 81.5 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| IV 14000          | 81.0                       | 82.7 | 83.3 | 83.8 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 12000          | 83.4                       | 84.5 | 85.1 | 85.6 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IV 10000          | 83.9                       | 85.1 | 85.6 | 86.2 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 9000           | 84.1                       | 85.4 | 85.9 | 86.5 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 8000           | 84.8                       | 86.1 | 86.7 | 87.3 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| IV 7000           | 85.4                       | 86.7 | 87.3 | 87.9 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| IV 6000           | 86.0                       | 88.0 | 88.0 | 89.2 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 5000           | 88.5                       | 90.1 | 90.7 | 91.3 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IV 4500           | 88.9                       | 90.5 | 91.0 | 91.7 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| IV 4000           | 90.2                       | 91.9 | 92.4 | 93.1 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 3500           | 91.2                       | 93.0 | 93.6 | 94.2 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| IV 3000           | 92.8                       | 94.8 | 95.5 | 96.2 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 2500           | 93.5                       | 95.5 | 96.1 | 97.0 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 2000           | 94.1                       | 96.1 | 96.9 | 97.7 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 1800           | 94.1                       | 96.1 | 96.9 | 97.7 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 1500           | 94.3                       | 96.6 | 97.5 | 98.4 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 1200           | 94.3                       | 96.7 | 97.7 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 1000           | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 900            | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 800            | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 700            | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 600            | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 500            | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400            | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 300            | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 200            | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 100            | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 0              | 94.4                       | 96.8 | 97.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 1059

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1:00-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1.4 | ≥ 1   | ≥ .9  | ≥ .8  | ≥ .7  | ≥ .6  | ≥ .5  | ≥ 0   |
| NO CEILING        | 77.6                       | 78.6 | 79.1 | 79.1 | 79.5  | 79.5  | 79.5  | 79.5  | 79.5  | 79.5  | 79.5  | 79.5  | 79.5  | 79.5  | 79.5  | 79.5  |
| ≥ 20000           | 81.9                       | 83.1 | 83.6 | 83.6 | 83.9  | 83.9  | 83.9  | 83.9  | 83.9  | 83.9  | 83.9  | 83.9  | 83.9  | 83.9  | 83.9  | 83.9  |
| ≥ 18000           | 82.5                       | 83.6 | 84.1 | 84.1 | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  |
| ≥ 16000           | 83.3                       | 84.4 | 84.9 | 84.9 | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  |
| ≥ 14000           | 85.0                       | 86.1 | 86.6 | 86.6 | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  | 87.0  |
| ≥ 12000           | 86.1                       | 87.2 | 87.7 | 87.7 | 88.1  | 88.1  | 88.1  | 88.1  | 88.1  | 88.1  | 88.1  | 88.1  | 88.1  | 88.1  | 88.1  | 88.1  |
| ≥ 10000           | 87.2                       | 88.4 | 88.8 | 88.8 | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  | 89.2  |
| ≥ 9000            | 87.6                       | 88.9 | 89.4 | 89.4 | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  |
| ≥ 8000            | 88.2                       | 89.5 | 90.0 | 90.0 | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  | 90.7  |
| ≥ 7000            | 88.4                       | 89.8 | 90.3 | 90.3 | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  |
| ≥ 6000            | 89.7                       | 91.1 | 91.6 | 91.6 | 92.2  | 92.2  | 92.2  | 92.2  | 92.2  | 92.2  | 92.2  | 92.2  | 92.2  | 92.2  | 92.2  | 92.2  |
| ≥ 5000            | 91.4                       | 93.1 | 93.9 | 93.9 | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  |
| ≥ 4500            | 91.6                       | 93.3 | 94.0 | 94.0 | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  |
| ≥ 4000            | 92.5                       | 94.4 | 95.2 | 95.3 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  |
| ≥ 3500            | 92.8                       | 94.7 | 95.5 | 95.6 | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  |
| ≥ 3000            | 94.0                       | 95.0 | 96.8 | 96.9 | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  |
| ≥ 2500            | 94.6                       | 96.7 | 97.4 | 97.5 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  |
| ≥ 2000            | 95.3                       | 97.5 | 98.4 | 98.5 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| ≥ 1700            | 95.4                       | 97.6 | 98.5 | 98.6 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 1500            | 95.7                       | 98.2 | 99.1 | 99.2 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1200            | 95.8                       | 98.3 | 99.3 | 99.4 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 1000            | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 95.9                       | 98.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1056



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |       |       |       |       |        |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 1/5 | ≥ 1/10 | ≥ 0   |
| NO CEILING        | 83.5                       | 84.4 | 84.6 | 84.6 | 84.9 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2  | 85.2  | 85.2  | 85.2  | 85.2   | 85.2  |
| IV 20000          | 87.0                       | 87.8 | 88.0 | 88.0 | 88.3 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6  | 88.6  | 88.6  | 88.6  | 88.6   | 88.6  |
| IV 18000          | 87.2                       | 88.0 | 88.2 | 88.2 | 88.5 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8  | 88.8  | 88.8  | 88.8  | 88.8   | 88.8  |
| IV 16000          | 87.9                       | 88.8 | 89.0 | 89.0 | 89.2 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5  | 89.5  | 89.5  | 89.5  | 89.5   | 89.5  |
| IV 14000          | 89.2                       | 90.1 | 90.3 | 90.3 | 90.6 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9  | 90.9  | 90.9  | 90.9  | 90.9   | 90.9  |
| IV 12000          | 89.8                       | 90.7 | 90.9 | 90.9 | 91.2 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4  | 91.4  | 91.4  | 91.4  | 91.4   | 91.4  |
| IV 10000          | 90.6                       | 91.7 | 91.9 | 91.9 | 92.2 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5  | 92.5  | 92.5  | 92.5  | 92.5   | 92.5  |
| IV 9000           | 91.0                       | 92.1 | 92.3 | 92.3 | 92.6 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9  | 92.9  | 92.9  | 92.9  | 92.9   | 92.9  |
| IV 8000           | 91.2                       | 92.4 | 92.6 | 92.8 | 93.1 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4  | 93.4  | 93.4  | 93.4  | 93.4   | 93.4  |
| IV 7000           | 91.6                       | 92.8 | 93.0 | 93.1 | 93.5 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8  | 93.8  | 93.8  | 93.8  | 93.8   | 93.8  |
| IV 6000           | 92.3                       | 93.4 | 93.6 | 93.8 | 94.2 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5  | 94.5  | 94.5  | 94.5  | 94.5   | 94.5  |
| IV 5000           | 94.0                       | 95.3 | 95.5 | 95.8 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6  | 96.6  | 96.6  | 96.6  | 96.6   | 96.6  |
| IV 4500           | 94.0                       | 95.3 | 95.5 | 95.8 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6  | 96.6  | 96.6  | 96.6  | 96.6   | 96.6  |
| IV 4000           | 95.2                       | 96.7 | 96.9 | 97.1 | 97.5 | 97.6 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9   | 97.9  |
| IV 3500           | 95.5                       | 97.0 | 97.1 | 97.4 | 97.8 | 97.9 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  |
| IV 3000           | 96.0                       | 97.4 | 97.6 | 97.9 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7   | 98.7  |
| IV 2500           | 96.2                       | 97.8 | 98.0 | 98.3 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  |
| IV 2000           | 96.7                       | 98.4 | 98.6 | 98.9 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  |
| IV 1800           | 96.7                       | 98.4 | 98.6 | 98.9 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  |
| IV 1500           | 96.8                       | 98.5 | 98.7 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  |
| IV 1200           | 96.9                       | 98.7 | 98.9 | 99.1 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  |
| IV 1000           | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 900            | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 800            | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 700            | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 600            | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 500            | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 400            | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 300            | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 200            | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 100            | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |
| IV 0              | 96.9                       | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1051



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |       |      |       |       |      |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|-------|------|-------|-------|------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.0 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0  |      |
| NO CEILING        | 82.9                       | 84.0 | 84.2 | 84.5 | 84.5 | 84.5  | 84.5 | 84.5  | 84.5  | 84.5  | 84.5 | 84.5  | 84.5  | 84.5 | 84.5 | 84.7 |
| ≥ 20000           | 87.4                       | 88.6 | 88.8 | 89.0 | 89.0 | 89.0  | 89.1 | 89.1  | 89.1  | 89.1  | 89.1 | 89.1  | 89.1  | 89.1 | 89.1 | 89.3 |
| ≥ 18000           | 87.7                       | 88.9 | 89.0 | 89.3 | 89.3 | 89.3  | 89.4 | 89.4  | 89.4  | 89.4  | 89.4 | 89.4  | 89.4  | 89.4 | 89.4 | 89.5 |
| ≥ 16000           | 88.0                       | 89.2 | 89.4 | 89.6 | 89.6 | 89.6  | 89.7 | 89.7  | 89.7  | 89.7  | 89.7 | 89.7  | 89.7  | 89.7 | 89.7 | 89.9 |
| ≥ 14000           | 88.9                       | 90.0 | 90.2 | 90.5 | 90.5 | 90.5  | 90.5 | 90.5  | 90.5  | 90.5  | 90.5 | 90.5  | 90.5  | 90.5 | 90.5 | 90.7 |
| ≥ 12000           | 89.6                       | 90.8 | 91.0 | 91.2 | 91.2 | 91.2  | 91.3 | 91.3  | 91.3  | 91.3  | 91.3 | 91.3  | 91.3  | 91.3 | 91.3 | 91.5 |
| ≥ 10000           | 90.2                       | 91.4 | 91.6 | 91.8 | 91.8 | 91.8  | 91.9 | 91.9  | 91.9  | 91.9  | 91.9 | 91.9  | 91.9  | 91.9 | 91.9 | 92.1 |
| ≥ 9000            | 90.3                       | 91.5 | 91.6 | 91.9 | 91.9 | 91.9  | 92.0 | 92.0  | 92.0  | 92.0  | 92.0 | 92.0  | 92.0  | 92.0 | 92.0 | 92.1 |
| ≥ 8000            | 90.6                       | 91.8 | 92.0 | 92.2 | 92.2 | 92.2  | 92.3 | 92.3  | 92.3  | 92.3  | 92.3 | 92.3  | 92.3  | 92.3 | 92.3 | 92.5 |
| ≥ 7000            | 91.4                       | 92.6 | 92.7 | 93.0 | 93.0 | 93.0  | 93.1 | 93.1  | 93.1  | 93.1  | 93.1 | 93.1  | 93.1  | 93.1 | 93.1 | 93.2 |
| ≥ 6000            | 91.8                       | 93.1 | 93.2 | 93.5 | 93.5 | 93.5  | 93.6 | 93.6  | 93.6  | 93.6  | 93.6 | 93.6  | 93.6  | 93.6 | 93.6 | 93.8 |
| ≥ 5000            | 92.7                       | 94.3 | 94.4 | 94.7 | 94.7 | 94.7  | 94.8 | 94.8  | 94.8  | 94.8  | 94.8 | 94.8  | 94.8  | 94.8 | 94.8 | 94.9 |
| ≥ 4500            | 93.1                       | 94.6 | 94.8 | 95.0 | 95.0 | 95.0  | 95.1 | 95.1  | 95.1  | 95.1  | 95.1 | 95.1  | 95.1  | 95.1 | 95.1 | 95.3 |
| ≥ 4000            | 93.3                       | 95.1 | 95.3 | 95.5 | 95.5 | 95.5  | 95.6 | 95.6  | 95.6  | 95.6  | 95.6 | 95.6  | 95.6  | 95.6 | 95.6 | 95.8 |
| ≥ 3500            | 94.3                       | 95.9 | 96.0 | 96.3 | 96.3 | 96.3  | 96.4 | 96.4  | 96.4  | 96.4  | 96.4 | 96.4  | 96.4  | 96.4 | 96.4 | 96.5 |
| ≥ 3000            | 95.3                       | 97.0 | 97.2 | 97.5 | 97.5 | 97.5  | 97.6 | 97.6  | 97.6  | 97.6  | 97.6 | 97.6  | 97.6  | 97.6 | 97.6 | 97.7 |
| ≥ 2500            | 96.0                       | 97.8 | 98.1 | 98.3 | 98.3 | 98.3  | 98.4 | 98.4  | 98.4  | 98.4  | 98.4 | 98.4  | 98.4  | 98.4 | 98.4 | 98.6 |
| ≥ 2000            | 96.2                       | 98.0 | 98.3 | 98.6 | 98.6 | 98.6  | 98.6 | 98.6  | 98.6  | 98.6  | 98.6 | 98.6  | 98.6  | 98.6 | 98.6 | 98.8 |
| ≥ 1800            | 96.2                       | 98.0 | 98.3 | 98.6 | 98.6 | 98.6  | 98.6 | 98.6  | 98.6  | 98.6  | 98.6 | 98.6  | 98.6  | 98.6 | 98.6 | 98.8 |
| ≥ 1500            | 96.3                       | 98.3 | 98.6 | 98.9 | 98.9 | 98.9  | 99.0 | 99.0  | 99.0  | 99.0  | 99.0 | 99.0  | 99.0  | 99.0 | 99.0 | 99.2 |
| ≥ 1200            | 96.3                       | 98.6 | 99.0 | 99.2 | 99.2 | 99.2  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3 | 99.3  | 99.3  | 99.3 | 99.3 | 99.5 |
| ≥ 1000            | 96.3                       | 98.6 | 99.0 | 99.3 | 99.3 | 99.3  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.7 |
| ≥ 900             | 96.3                       | 98.6 | 99.0 | 99.3 | 99.3 | 99.3  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.7 |
| ≥ 800             | 96.3                       | 98.6 | 99.0 | 99.3 | 99.3 | 99.3  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.7 |
| ≥ 700             | 96.3                       | 98.6 | 99.0 | 99.3 | 99.3 | 99.3  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.7 |
| ≥ 600             | 96.3                       | 98.6 | 99.0 | 99.3 | 99.3 | 99.3  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.7 |
| ≥ 500             | 96.3                       | 98.6 | 99.0 | 99.3 | 99.3 | 99.3  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.7 |
| ≥ 400             | 96.3                       | 98.6 | 99.0 | 99.3 | 99.3 | 99.3  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.7 |
| ≥ 300             | 96.3                       | 98.6 | 99.0 | 99.3 | 99.3 | 99.3  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.7 |
| ≥ 200             | 96.3                       | 98.6 | 99.0 | 99.3 | 99.3 | 99.3  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.7 |
| ≥ 100             | 96.3                       | 98.6 | 99.0 | 99.3 | 99.3 | 99.3  | 99.5 | 99.5  | 99.5  | 99.5  | 99.6 | 99.6  | 99.6  | 99.6 | 99.6 | 99.7 |
| ≥ 0               | 96.6                       | 98.7 | 99.1 | 99.4 | 99.4 | 99.4  | 99.6 | 99.7  | 99.7  | 99.7  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 1146



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

AR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |       |        |        |       |        |         |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|-------|--------|--------|-------|--------|---------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.0 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0  |
| NO CEILING        | 83.2                       | 84.0 | 84.0 | 84.2 | 84.2 | 84.2  | 84.2 | 84.2  | 84.2  | 84.2  | 84.2   | 84.2   | 84.2  | 84.2   | 84.2    | 84.3 |
| ≥ 20000           | 87.4                       | 88.2 | 88.2 | 88.4 | 88.4 | 88.4  | 88.4 | 88.4  | 88.4  | 88.4  | 88.4   | 88.4   | 88.4  | 88.4   | 88.4    | 88.5 |
| ≥ 18000           | 88.0                       | 88.8 | 88.8 | 89.0 | 89.0 | 89.0  | 89.0 | 89.0  | 89.0  | 89.0  | 89.0   | 89.0   | 89.0  | 89.0   | 89.0    | 89.1 |
| ≥ 16000           | 88.5                       | 89.3 | 89.3 | 89.5 | 89.5 | 89.5  | 89.5 | 89.5  | 89.5  | 89.5  | 89.5   | 89.5   | 89.5  | 89.5   | 89.5    | 89.6 |
| ≥ 14000           | 89.5                       | 90.2 | 90.2 | 90.5 | 90.5 | 90.5  | 90.5 | 90.5  | 90.5  | 90.5  | 90.5   | 90.5   | 90.5  | 90.5   | 90.5    | 90.5 |
| ≥ 12000           | 90.0                       | 90.8 | 90.8 | 91.1 | 91.1 | 91.1  | 91.1 | 91.1  | 91.1  | 91.1  | 91.1   | 91.1   | 91.1  | 91.1   | 91.1    | 91.1 |
| ≥ 10000           | 91.1                       | 91.9 | 91.9 | 92.2 | 92.2 | 92.2  | 92.2 | 92.2  | 92.2  | 92.2  | 92.2   | 92.2   | 92.2  | 92.2   | 92.2    | 92.2 |
| ≥ 9000            | 91.1                       | 92.0 | 92.0 | 92.2 | 92.2 | 92.2  | 92.2 | 92.2  | 92.2  | 92.2  | 92.2   | 92.2   | 92.2  | 92.2   | 92.2    | 92.3 |
| ≥ 8000            | 91.2                       | 92.1 | 92.1 | 92.3 | 92.3 | 92.3  | 92.3 | 92.3  | 92.3  | 92.3  | 92.3   | 92.3   | 92.3  | 92.3   | 92.3    | 92.4 |
| ≥ 7000            | 92.0                       | 92.8 | 92.8 | 93.1 | 93.1 | 93.1  | 93.1 | 93.1  | 93.1  | 93.1  | 93.1   | 93.1   | 93.1  | 93.1   | 93.1    | 93.2 |
| ≥ 6000            | 92.6                       | 93.4 | 93.4 | 93.7 | 93.7 | 93.7  | 93.7 | 93.7  | 93.7  | 93.7  | 93.7   | 93.7   | 93.7  | 93.7   | 93.7    | 93.8 |
| ≥ 5000            | 93.2                       | 94.0 | 94.0 | 94.3 | 94.3 | 94.3  | 94.3 | 94.3  | 94.3  | 94.3  | 94.3   | 94.3   | 94.3  | 94.3   | 94.3    | 94.3 |
| ≥ 4500            | 93.8                       | 94.6 | 94.6 | 94.9 | 94.9 | 94.9  | 94.9 | 94.9  | 94.9  | 94.9  | 94.9   | 94.9   | 94.9  | 94.9   | 94.9    | 94.9 |
| ≥ 4000            | 94.8                       | 95.6 | 95.6 | 95.9 | 95.9 | 95.9  | 95.9 | 95.9  | 95.9  | 95.9  | 95.9   | 95.9   | 95.9  | 95.9   | 95.9    | 95.9 |
| ≥ 3500            | 95.4                       | 96.2 | 96.2 | 96.5 | 96.5 | 96.5  | 96.5 | 96.5  | 96.5  | 96.5  | 96.5   | 96.5   | 96.5  | 96.5   | 96.5    | 96.5 |
| ≥ 3000            | 96.1                       | 97.0 | 97.0 | 97.4 | 97.4 | 97.4  | 97.4 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4   | 97.4  | 97.4   | 97.4    | 97.5 |
| ≥ 2500            | 96.7                       | 98.0 | 98.1 | 98.4 | 98.4 | 98.4  | 98.4 | 98.4  | 98.4  | 98.4  | 98.4   | 98.4   | 98.4  | 98.4   | 98.4    | 98.6 |
| ≥ 2000            | 96.9                       | 98.3 | 98.3 | 98.7 | 98.8 | 98.8  | 98.8 | 98.8  | 98.8  | 98.8  | 98.8   | 98.8   | 98.8  | 98.8   | 98.8    | 98.9 |
| ≥ 1800            | 96.9                       | 98.3 | 98.3 | 98.7 | 98.8 | 98.8  | 98.8 | 98.8  | 98.8  | 98.8  | 98.8   | 98.8   | 98.8  | 98.8   | 98.8    | 98.9 |
| ≥ 1500            | 97.1                       | 98.6 | 98.7 | 99.0 | 99.1 | 99.1  | 99.1 | 99.1  | 99.1  | 99.1  | 99.1   | 99.1   | 99.1  | 99.1   | 99.2    | 99.2 |
| ≥ 1200            | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 1000            | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 900             | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 800             | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 700             | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 600             | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 500             | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 400             | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 300             | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 200             | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 100             | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |
| ≥ 0               | 97.4                       | 98.8 | 99.0 | 99.2 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3   | 99.3  | 99.3   | 99.4    | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 1145

USAFETAC FORM JUN 71 0-143 (DLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |       |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0  |
| NO CEILING        | 75.2                       | 75.5 | 75.9 | 75.9 | 75.9 | 75.9  | 75.9 | 75.9  | 75.9  | 75.9 | 75.9 | 75.9 | 75.9 | 75.9  | 75.9 | 75.9 |
| ≥ 20000           | 83.3                       | 83.5 | 84.0 | 84.0 | 84.0 | 84.0  | 84.0 | 84.0  | 84.0  | 84.0 | 84.0 | 84.0 | 84.0 | 84.0  | 84.0 | 84.0 |
| ≥ 18000           | 83.9                       | 84.2 | 84.6 | 84.6 | 84.6 | 84.6  | 84.6 | 84.6  | 84.6  | 84.6 | 84.6 | 84.6 | 84.6 | 84.6  | 84.6 | 84.6 |
| ≥ 16000           | 85.0                       | 85.3 | 85.7 | 85.7 | 85.7 | 85.7  | 85.7 | 85.7  | 85.7  | 85.7 | 85.7 | 85.7 | 85.7 | 85.7  | 85.7 | 85.7 |
| ≥ 14000           | 87.5                       | 87.8 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2 | 88.2  | 88.2  | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2 | 88.2 |
| ≥ 12000           | 89.1                       | 89.4 | 89.8 | 89.8 | 89.8 | 89.8  | 89.8 | 89.8  | 89.8  | 89.8 | 89.8 | 89.8 | 89.8 | 89.8  | 89.8 | 89.8 |
| ≥ 10000           | 90.3                       | 90.6 | 91.0 | 91.0 | 91.0 | 91.0  | 91.0 | 91.0  | 91.0  | 91.0 | 91.0 | 91.0 | 91.0 | 91.0  | 91.0 | 91.0 |
| ≥ 9000            | 90.4                       | 90.8 | 91.2 | 91.2 | 91.2 | 91.2  | 91.2 | 91.2  | 91.2  | 91.2 | 91.2 | 91.2 | 91.2 | 91.2  | 91.2 | 91.2 |
| ≥ 8000            | 91.1                       | 91.5 | 91.9 | 91.9 | 91.9 | 91.9  | 91.9 | 91.9  | 91.9  | 91.9 | 91.9 | 91.9 | 91.9 | 91.9  | 91.9 | 91.9 |
| ≥ 7000            | 91.8                       | 92.4 | 92.8 | 92.9 | 92.9 | 92.9  | 92.9 | 92.9  | 92.9  | 92.9 | 92.9 | 92.9 | 92.9 | 92.9  | 92.9 | 92.9 |
| ≥ 6000            | 93.1                       | 93.7 | 94.1 | 94.2 | 94.2 | 94.2  | 94.2 | 94.2  | 94.2  | 94.2 | 94.2 | 94.2 | 94.2 | 94.2  | 94.2 | 94.2 |
| ≥ 5000            | 93.7                       | 94.3 | 94.7 | 94.8 | 94.8 | 94.8  | 94.8 | 94.8  | 94.8  | 94.8 | 94.8 | 94.8 | 94.8 | 94.8  | 94.8 | 94.8 |
| ≥ 4500            | 93.9                       | 94.5 | 95.0 | 95.0 | 95.0 | 95.0  | 95.0 | 95.0  | 95.0  | 95.0 | 95.0 | 95.0 | 95.0 | 95.0  | 95.0 | 95.0 |
| ≥ 4000            | 94.5                       | 95.1 | 95.5 | 95.6 | 95.6 | 95.6  | 95.6 | 95.6  | 95.6  | 95.6 | 95.6 | 95.6 | 95.6 | 95.6  | 95.6 | 95.6 |
| ≥ 3500            | 95.0                       | 95.5 | 96.0 | 96.1 | 96.1 | 96.1  | 96.1 | 96.1  | 96.1  | 96.1 | 96.1 | 96.1 | 96.1 | 96.1  | 96.1 | 96.1 |
| ≥ 3000            | 95.6                       | 96.2 | 96.7 | 96.8 | 96.9 | 96.9  | 96.9 | 96.9  | 96.9  | 96.9 | 96.9 | 96.9 | 96.9 | 96.9  | 96.9 | 96.9 |
| ≥ 2500            | 95.8                       | 96.4 | 96.9 | 97.0 | 97.1 | 97.1  | 97.1 | 97.1  | 97.1  | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1 | 97.1 |
| ≥ 2000            | 96.6                       | 97.2 | 97.8 | 97.9 | 98.4 | 98.4  | 98.4 | 98.4  | 98.4  | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4 | 98.4 |
| ≥ 1800            | 96.6                       | 97.2 | 97.8 | 97.9 | 98.4 | 98.4  | 98.4 | 98.4  | 98.4  | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4 | 98.4 |
| ≥ 1500            | 96.9                       | 97.6 | 98.2 | 98.3 | 98.8 | 98.8  | 98.9 | 99.0  | 99.0  | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0 | 99.0 |
| ≥ 1200            | 96.9                       | 97.6 | 98.2 | 98.3 | 98.8 | 98.8  | 98.9 | 99.0  | 99.0  | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0 | 99.0 |
| ≥ 1000            | 97.1                       | 97.7 | 98.4 | 98.5 | 99.1 | 99.1  | 99.2 | 99.3  | 99.3  | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 | 99.3 |
| ≥ 900             | 97.1                       | 97.7 | 98.4 | 98.5 | 99.1 | 99.1  | 99.2 | 99.4  | 99.6  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 800             | 97.1                       | 97.7 | 98.4 | 98.5 | 99.1 | 99.1  | 99.2 | 99.4  | 99.6  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 700             | 97.1                       | 97.7 | 98.4 | 98.5 | 99.1 | 99.1  | 99.2 | 99.4  | 99.6  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 600             | 97.1                       | 97.7 | 98.4 | 98.5 | 99.1 | 99.1  | 99.2 | 99.4  | 99.6  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 500             | 97.1                       | 97.7 | 98.4 | 98.5 | 99.2 | 99.2  | 99.3 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 400             | 97.1                       | 97.7 | 98.4 | 98.5 | 99.2 | 99.2  | 99.3 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 300             | 97.1                       | 97.7 | 98.4 | 98.5 | 99.2 | 99.2  | 99.3 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 200             | 97.1                       | 97.7 | 98.4 | 98.5 | 99.2 | 99.2  | 99.3 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 100             | 97.1                       | 97.7 | 98.4 | 98.5 | 99.2 | 99.2  | 99.3 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 0               | 97.1                       | 97.7 | 98.4 | 98.5 | 99.2 | 99.2  | 99.3 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 1190

USAFETAC

FORM  
JUN 71

0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23192  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0910-1100  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |       |       |      |       |        |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1   | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0   |
| NO CEILING        | 72.9                       | 74.5 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8  | 74.8  | 74.8 | 74.8  | 74.8   | 74.8 |
| ≥ 20000           | 83.6                       | 85.2 | 85.5 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8  | 85.8  | 85.8 | 85.8  | 85.8   | 85.8 |
| ≥ 18000           | 84.4                       | 86.0 | 86.3 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5  | 86.5  | 86.5 | 86.5  | 86.5   | 86.5 |
| ≥ 16000           | 85.0                       | 86.6 | 86.8 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1  | 87.1  | 87.1 | 87.1  | 87.1   | 87.1 |
| ≥ 14000           | 86.6                       | 88.2 | 88.4 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7  | 88.7  | 88.7 | 88.7  | 88.7   | 88.7 |
| ≥ 12000           | 87.1                       | 88.7 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2  | 89.2  | 89.2 | 89.2  | 89.2   | 89.2 |
| ≥ 10000           | 87.9                       | 89.6 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1  | 90.1  | 90.1 | 90.1  | 90.1   | 90.1 |
| IV 9000           | 87.9                       | 89.6 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1  | 90.1  | 90.1 | 90.1  | 90.1   | 90.1 |
| IV 8000           | 88.9                       | 90.6 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1  | 91.1  | 91.1 | 91.1  | 91.1   | 91.1 |
| IV 7000           | 89.4                       | 91.1 | 91.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7  | 91.7  | 91.7 | 91.7  | 91.7   | 91.7 |
| IV 6000           | 89.7                       | 91.4 | 91.8 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1  | 92.1  | 92.1 | 92.1  | 92.1   | 92.1 |
| IV 5000           | 90.8                       | 92.7 | 92.9 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2  | 93.2  | 93.2 | 93.2  | 93.2   | 93.2 |
| IV 4500           | 90.9                       | 92.7 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3  | 93.3  | 93.3 | 93.3  | 93.3   | 93.3 |
| IV 4000           | 91.4                       | 93.8 | 94.0 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3  | 94.3  | 94.3 | 94.3  | 94.3   | 94.3 |
| IV 3500           | 92.7                       | 94.7 | 94.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2  | 95.2  | 95.2 | 95.2  | 95.2   | 95.2 |
| IV 3000           | 94.1                       | 96.2 | 96.5 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9  | 96.9  | 96.9 | 96.9  | 96.9   | 96.9 |
| IV 2500           | 94.4                       | 96.5 | 96.8 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2  | 97.2  | 97.2 | 97.2  | 97.2   | 97.2 |
| IV 2000           | 95.2                       | 97.4 | 97.9 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4 | 98.4  | 98.4   | 98.4 |
| IV 1800           | 95.2                       | 97.4 | 97.9 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4 | 98.4  | 98.4   | 98.4 |
| IV 1500           | 95.2                       | 97.4 | 97.9 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4 | 98.4  | 98.4   | 98.4 |
| IV 1200           | 95.8                       | 98.1 | 98.6 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2  | 99.2 | 99.2  | 99.2   | 99.2 |
| IV 1000           | 95.8                       | 98.1 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4  | 99.4 | 99.4  | 99.4   | 99.4 |
| IV 900            | 95.8                       | 98.1 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4  | 99.4 | 99.4  | 99.4   | 99.4 |
| IV 800            | 95.8                       | 98.1 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4  | 99.4 | 99.4  | 99.4   | 99.4 |
| IV 700            | 95.8                       | 98.1 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4  | 99.4 | 99.4  | 99.4   | 99.4 |
| IV 600            | 95.8                       | 98.1 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4  | 99.4 | 99.4  | 99.4   | 99.4 |
| IV 500            | 95.8                       | 98.1 | 98.8 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| IV 400            | 95.8                       | 98.1 | 98.8 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| IV 300            | 95.8                       | 98.1 | 98.8 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| IV 200            | 95.8                       | 98.1 | 98.8 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| IV 100            | 95.8                       | 98.1 | 98.8 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| IV 0              | 95.8                       | 98.1 | 98.8 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 1100



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .9 | ≥ .8 | ≥ .7 | ≥ .6 | ≥ .5 | ≥ 0  |
| NO CEILING        | 70.4                       | 72.3 | 72.6 | 72.7 | 72.9 | 72.9  | 73.0 | 73.1  | 73.1  | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 20000           | 79.9                       | 82.3 | 82.6 | 82.7 | 82.9 | 82.9  | 83.0 | 83.1  | 83.1  | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 15000          | 80.3                       | 82.8 | 83.2 | 83.3 | 83.5 | 83.5  | 83.6 | 83.7  | 83.7  | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 14000          | 81.1                       | 83.5 | 84.0 | 84.0 | 84.3 | 84.3  | 84.4 | 84.5  | 84.5  | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 13000          | 82.7                       | 85.5 | 86.1 | 86.1 | 86.4 | 86.4  | 86.5 | 86.6  | 86.6  | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 12000          | 83.0                       | 85.8 | 86.4 | 86.5 | 86.7 | 86.7  | 86.8 | 86.9  | 86.9  | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IV 11000          | 83.9                       | 86.8 | 87.4 | 87.5 | 87.8 | 87.8  | 87.8 | 87.9  | 88.0  | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 10000          | 84.0                       | 86.9 | 87.5 | 87.6 | 87.8 | 87.8  | 87.9 | 88.0  | 88.0  | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 9000           | 84.7                       | 87.7 | 88.3 | 88.3 | 88.6 | 88.6  | 88.7 | 88.8  | 88.8  | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| IV 8000           | 84.8                       | 87.8 | 88.3 | 88.4 | 88.7 | 88.7  | 88.8 | 88.9  | 88.9  | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 7000           | 85.1                       | 88.3 | 88.9 | 88.9 | 89.2 | 89.2  | 89.3 | 89.4  | 89.4  | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| IV 6000           | 86.3                       | 89.5 | 90.1 | 90.2 | 90.5 | 90.5  | 90.5 | 90.6  | 90.6  | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 5000           | 86.7                       | 90.1 | 90.7 | 90.8 | 91.0 | 91.0  | 91.1 | 91.2  | 91.2  | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| IV 4500           | 88.1                       | 91.6 | 92.1 | 92.3 | 92.6 | 92.6  | 92.7 | 92.7  | 92.7  | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 4000           | 89.0                       | 93.1 | 93.7 | 93.8 | 94.1 | 94.1  | 94.2 | 94.3  | 94.3  | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| IV 3500           | 90.5                       | 94.3 | 94.8 | 95.2 | 95.4 | 95.4  | 95.5 | 95.6  | 95.6  | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV 3000           | 92.1                       | 95.8 | 96.4 | 96.7 | 97.0 | 97.0  | 97.0 | 97.1  | 97.1  | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 2500           | 93.0                       | 96.8 | 97.4 | 97.8 | 98.1 | 98.1  | 98.2 | 98.3  | 98.3  | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 2000           | 93.1                       | 96.9 | 97.5 | 97.9 | 98.2 | 98.2  | 98.3 | 98.4  | 98.4  | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 1800           | 93.6                       | 97.7 | 98.3 | 98.7 | 99.2 | 99.2  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 1500           | 93.6                       | 97.9 | 98.5 | 98.9 | 99.3 | 99.3  | 99.4 | 99.5  | 99.5  | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 1200           | 93.6                       | 98.0 | 98.6 | 99.1 | 99.5 | 99.5  | 99.6 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 1000           | 93.6                       | 98.0 | 98.6 | 99.1 | 99.5 | 99.5  | 99.6 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 900            | 93.6                       | 98.0 | 98.6 | 99.1 | 99.5 | 99.5  | 99.6 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 800            | 93.6                       | 98.0 | 98.6 | 99.1 | 99.5 | 99.5  | 99.6 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 700            | 93.6                       | 98.0 | 98.6 | 99.1 | 99.5 | 99.5  | 99.6 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 600            | 93.6                       | 98.0 | 98.6 | 99.1 | 99.5 | 99.5  | 99.6 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500            | 93.6                       | 98.0 | 98.6 | 99.2 | 99.6 | 99.6  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 400            | 93.6                       | 98.0 | 98.6 | 99.2 | 99.6 | 99.6  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 300            | 93.6                       | 98.0 | 98.6 | 99.2 | 99.6 | 99.6  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 200            | 93.6                       | 98.0 | 98.6 | 99.2 | 99.6 | 99.6  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 100            | 93.6                       | 98.0 | 98.6 | 99.2 | 99.6 | 99.6  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 0              | 93.6                       | 98.0 | 98.6 | 99.2 | 99.6 | 99.6  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 1184



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

AR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |      |        |       |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|--------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.2 | ≥ 1  | ≥ .8 | ≥ .6 | ≥ .5 | ≥ .4 | ≤ 5 16 | ≥ 4   |
| NO CEILING        | 66.7                       | 70.6 | 71.0 | 71.4 | 71.4 | 71.5  | 71.7 | 71.7  | 71.7  | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8   | 71.8  |
| ≥ 20000           | 75.0                       | 79.8 | 80.3 | 80.8 | 80.8 | 80.8  | 81.0 | 81.0  | 81.0  | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1   | 81.1  |
| ≥ 18000           | 75.4                       | 80.4 | 80.9 | 81.4 | 81.4 | 81.4  | 81.6 | 81.6  | 81.6  | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7   | 81.7  |
| ≥ 16000           | 75.8                       | 80.8 | 81.4 | 81.8 | 81.8 | 81.9  | 82.0 | 82.0  | 82.0  | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1   | 82.1  |
| ≥ 14000           | 77.3                       | 82.8 | 83.4 | 83.8 | 83.8 | 83.9  | 84.1 | 84.1  | 84.1  | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2   | 84.2  |
| ≥ 12000           | 77.9                       | 83.2 | 83.8 | 84.2 | 84.2 | 84.3  | 84.5 | 84.5  | 84.5  | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6   | 84.6  |
| ≥ 10000           | 78.6                       | 84.2 | 84.7 | 85.2 | 85.2 | 85.3  | 85.4 | 85.4  | 85.4  | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5   | 85.5  |
| ≥ 9000            | 78.6                       | 84.2 | 84.8 | 85.3 | 85.3 | 85.3  | 85.5 | 85.5  | 85.5  | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6   | 85.6  |
| ≥ 8000            | 79.7                       | 85.3 | 85.8 | 86.3 | 86.3 | 86.4  | 86.5 | 86.5  | 86.5  | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6   | 86.6  |
| ≥ 7000            | 80.1                       | 85.7 | 86.3 | 86.7 | 86.7 | 86.8  | 86.9 | 86.9  | 86.9  | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0   | 87.0  |
| ≥ 6000            | 80.5                       | 86.3 | 86.9 | 87.3 | 87.3 | 87.4  | 87.5 | 87.5  | 87.5  | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6   | 87.6  |
| ≥ 5000            | 82.3                       | 88.4 | 89.1 | 89.5 | 89.6 | 89.7  | 89.8 | 89.8  | 89.8  | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9   | 89.9  |
| ≥ 4500            | 83.0                       | 88.8 | 89.5 | 89.9 | 90.0 | 90.1  | 90.3 | 90.3  | 90.3  | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3   | 90.3  |
| ≥ 4000            | 83.6                       | 89.3 | 90.2 | 90.6 | 90.8 | 90.8  | 91.0 | 91.0  | 91.0  | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1   | 91.1  |
| ≥ 3500            | 85.3                       | 91.1 | 91.8 | 92.2 | 92.5 | 92.5  | 92.7 | 92.7  | 92.7  | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8   | 92.8  |
| ≥ 3000            | 87.2                       | 93.2 | 94.1 | 94.5 | 94.7 | 94.8  | 95.0 | 95.0  | 95.0  | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1   | 95.1  |
| ≥ 2500            | 88.6                       | 94.8 | 95.7 | 96.2 | 96.4 | 96.5  | 96.7 | 96.7  | 96.7  | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8   | 96.8  |
| ≥ 2000            | 89.4                       | 95.9 | 96.8 | 97.3 | 97.5 | 97.6  | 97.8 | 97.8  | 97.8  | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9   | 97.9  |
| ≥ 1800            | 89.4                       | 95.9 | 96.8 | 97.3 | 97.5 | 97.6  | 97.8 | 97.8  | 97.8  | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9   | 97.9  |
| ≥ 1500            | 89.9                       | 96.7 | 97.6 | 98.1 | 98.4 | 98.5  | 98.7 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9   | 98.9  |
| ≥ 1200            | 90.0                       | 96.9 | 97.9 | 98.3 | 98.8 | 98.9  | 99.2 | 99.2  | 99.2  | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4   | 99.4  |
| ≥ 1000            | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |
| ≥ 900             | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |
| ≥ 800             | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |
| ≥ 700             | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |
| ≥ 600             | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |
| ≥ 500             | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |
| ≥ 400             | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |
| ≥ 300             | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |
| ≥ 200             | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |
| ≥ 100             | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |
| ≥ 0               | 90.3                       | 97.2 | 98.2 | 98.8 | 99.3 | 99.5  | 99.7 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1180



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23192  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |       |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0  |
| NO CEILING        | 74.7                       | 77.2 | 77.7 | 78.2 | 78.2 | 78.3  | 78.3 | 78.3  | 78.3  | 78.3 | 78.3 | 78.3 | 78.3 | 78.3  | 78.3 | 78.3 |
| ≥ 20000           | 80.7                       | 83.3 | 83.8 | 84.3 | 84.4 | 84.4  | 84.4 | 84.4  | 84.4  | 84.4 | 84.4 | 84.4 | 84.4 | 84.4  | 84.4 | 84.4 |
| ≥ 18000           | 81.6                       | 84.4 | 84.9 | 85.4 | 85.5 | 85.5  | 85.5 | 85.5  | 85.5  | 85.5 | 85.5 | 85.5 | 85.5 | 85.5  | 85.5 | 85.5 |
| ≥ 16000           | 81.7                       | 84.5 | 85.0 | 85.5 | 85.6 | 85.6  | 85.6 | 85.6  | 85.6  | 85.6 | 85.6 | 85.6 | 85.6 | 85.6  | 85.6 | 85.6 |
| ≥ 14000           | 83.1                       | 86.0 | 86.5 | 87.0 | 87.1 | 87.1  | 87.1 | 87.1  | 87.1  | 87.1 | 87.1 | 87.1 | 87.1 | 87.1  | 87.1 | 87.1 |
| ≥ 12000           | 83.3                       | 86.2 | 86.8 | 87.3 | 87.4 | 87.4  | 87.4 | 87.4  | 87.4  | 87.4 | 87.4 | 87.4 | 87.4 | 87.4  | 87.4 | 87.4 |
| ≥ 10000           | 83.8                       | 86.7 | 87.3 | 87.8 | 87.9 | 87.9  | 87.9 | 87.9  | 87.9  | 87.9 | 87.9 | 87.9 | 87.9 | 87.9  | 87.9 | 87.9 |
| ≥ 9000            | 84.1                       | 87.0 | 87.6 | 88.1 | 88.2 | 88.2  | 88.2 | 88.2  | 88.2  | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2 | 88.2 |
| ≥ 8000            | 84.5                       | 87.4 | 88.0 | 88.5 | 88.6 | 88.6  | 88.6 | 88.6  | 88.6  | 88.6 | 88.6 | 88.6 | 88.6 | 88.6  | 88.6 | 88.6 |
| ≥ 7000            | 85.3                       | 88.3 | 88.8 | 89.3 | 89.4 | 89.4  | 89.4 | 89.4  | 89.4  | 89.4 | 89.4 | 89.4 | 89.4 | 89.4  | 89.4 | 89.4 |
| ≥ 6000            | 86.1                       | 89.1 | 89.7 | 90.2 | 90.3 | 90.3  | 90.3 | 90.3  | 90.3  | 90.3 | 90.3 | 90.3 | 90.3 | 90.3  | 90.3 | 90.3 |
| ≥ 5000            | 88.1                       | 91.1 | 91.7 | 92.2 | 92.3 | 92.3  | 92.3 | 92.3  | 92.3  | 92.3 | 92.3 | 92.3 | 92.3 | 92.3  | 92.3 | 92.3 |
| ≥ 4500            | 88.3                       | 91.4 | 91.9 | 92.4 | 92.5 | 92.5  | 92.5 | 92.5  | 92.5  | 92.5 | 92.5 | 92.5 | 92.5 | 92.5  | 92.5 | 92.5 |
| ≥ 4000            | 89.8                       | 92.8 | 93.4 | 93.9 | 94.0 | 94.0  | 94.0 | 94.0  | 94.0  | 94.0 | 94.0 | 94.0 | 94.0 | 94.0  | 94.0 | 94.0 |
| ≥ 3500            | 91.2                       | 94.3 | 94.9 | 95.4 | 95.5 | 95.6  | 95.6 | 95.6  | 95.6  | 95.6 | 95.6 | 95.6 | 95.6 | 95.6  | 95.6 | 95.6 |
| ≥ 3000            | 92.1                       | 95.2 | 95.9 | 96.4 | 96.5 | 96.6  | 96.6 | 96.6  | 96.6  | 96.6 | 96.6 | 96.6 | 96.6 | 96.6  | 96.6 | 96.6 |
| ≥ 2500            | 92.7                       | 95.9 | 96.6 | 97.2 | 97.3 | 97.4  | 97.4 | 97.4  | 97.4  | 97.4 | 97.4 | 97.4 | 97.4 | 97.4  | 97.4 | 97.4 |
| ≥ 2000            | 93.2                       | 96.6 | 97.3 | 97.9 | 98.0 | 98.1  | 98.1 | 98.1  | 98.1  | 98.1 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.1 |
| ≥ 1800            | 93.2                       | 96.6 | 97.4 | 98.0 | 98.1 | 98.2  | 98.2 | 98.2  | 98.2  | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2 | 98.2 |
| ≥ 1500            | 93.7                       | 97.2 | 98.1 | 98.7 | 98.8 | 98.9  | 98.9 | 98.9  | 98.9  | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 |
| ≥ 1200            | 93.8                       | 97.3 | 98.2 | 98.8 | 98.9 | 99.0  | 99.0 | 99.0  | 99.0  | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0 | 99.0 |
| ≥ 1000            | 93.8                       | 97.3 | 98.3 | 99.1 | 99.2 | 99.2  | 99.2 | 99.3  | 99.3  | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 | 99.3 |
| ≥ 900             | 93.8                       | 97.3 | 98.3 | 99.1 | 99.2 | 99.2  | 99.2 | 99.3  | 99.3  | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 | 99.3 |
| ≥ 800             | 93.8                       | 97.3 | 98.3 | 99.1 | 99.2 | 99.2  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 |
| ≥ 700             | 93.8                       | 97.3 | 98.3 | 99.1 | 99.2 | 99.2  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 |
| ≥ 600             | 93.8                       | 97.3 | 98.3 | 99.1 | 99.2 | 99.2  | 99.3 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 |
| ≥ 500             | 94.0                       | 97.6 | 98.6 | 99.3 | 99.4 | 99.5  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 400             | 94.0                       | 97.6 | 98.6 | 99.3 | 99.4 | 99.5  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 300             | 94.0                       | 97.6 | 98.6 | 99.3 | 99.4 | 99.5  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 200             | 94.0                       | 97.6 | 98.6 | 99.3 | 99.4 | 99.5  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 100             | 94.0                       | 97.6 | 98.6 | 99.3 | 99.4 | 99.5  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 0               | 94.0                       | 97.6 | 98.6 | 99.3 | 99.4 | 99.5  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 1192



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 STATION PALMDALE APT CALIF

49-54,61-64,71-73 YEARS

ΔR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (EST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |      |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1½ | ≥ 1  | ≥ ¾  | ≥ ¾  | ≥ ¾  | ≥ 5/16 | ≥ ¼  | ≥ 0   |
| NO CEILING        | 81.3                       | 83.5 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9   | 83.9 | 84.1  |
| ≥ 20000           | 85.6                       | 87.8 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2   | 88.2 | 84.4  |
| ≥ 18000           | 86.1                       | 88.3 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7   | 88.7 | 88.9  |
| ≥ 16000           | 86.1                       | 88.3 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7   | 88.7 | 88.9  |
| ≥ 14000           | 87.6                       | 89.7 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2   | 90.2 | 90.3  |
| ≥ 12000           | 88.2                       | 90.3 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8   | 90.8 | 91.0  |
| ≥ 10000           | 88.5                       | 90.7 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2   | 91.2 | 91.3  |
| ≥ 9000            | 88.8                       | 91.0 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5   | 91.5 | 91.7  |
| ≥ 8000            | 89.1                       | 91.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9   | 91.9 | 92.1  |
| ≥ 7000            | 89.8                       | 92.0 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7   | 92.7 | 92.9  |
| ≥ 6000            | 90.2                       | 92.4 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1   | 93.1 | 93.3  |
| ≥ 5000            | 91.0                       | 93.4 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1   | 94.1 | 94.3  |
| ≥ 4500            | 91.5                       | 93.9 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6   | 94.6 | 94.8  |
| ≥ 4000            | 92.2                       | 94.5 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3   | 95.3 | 95.5  |
| ≥ 3500            | 93.0                       | 95.5 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3   | 96.3 | 96.5  |
| ≥ 3000            | 93.7                       | 96.3 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2   | 97.2 | 97.4  |
| ≥ 2500            | 94.9                       | 97.5 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4   | 98.4 | 98.6  |
| ≥ 2000            | 95.3                       | 97.9 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8   | 98.8 | 99.0  |
| ≥ 1800            | 95.4                       | 98.0 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9   | 98.9 | 99.1  |
| ≥ 1500            | 95.6                       | 98.3 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 | 99.4  |
| ≥ 1200            | 95.6                       | 98.3 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3   | 99.3 | 99.5  |
| ≥ 1000            | 95.6                       | 98.5 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.8  |
| ≥ 900             | 95.6                       | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.9  |
| ≥ 800             | 95.6                       | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.9  |
| ≥ 700             | 95.6                       | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.9  |
| ≥ 600             | 95.6                       | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.9  |
| ≥ 500             | 95.6                       | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.9  |
| ≥ 400             | 95.6                       | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.9  |
| ≥ 300             | 95.6                       | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.9  |
| ≥ 200             | 95.6                       | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.9  |
| ≥ 100             | 95.6                       | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.9  |
| ≥ 0               | 95.6                       | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1190



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |       |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .16 | ≥ .1 | ≥ 0  |
| NO CEILING        | 87.6                       | 89.6 | 89.8 | 89.8 | 89.8 | 89.8  | 89.8 | 89.8  | 89.8  | 89.8 | 89.8 | 89.8 | 89.8 | 89.8  | 89.8 | 89.8 |
| ≥ 20000           | 90.0                       | 92.0 | 92.2 | 92.3 | 92.3 | 92.3  | 92.3 | 92.3  | 92.3  | 92.3 | 92.3 | 92.3 | 92.3 | 92.3  | 92.3 | 92.3 |
| ≥ 18000           | 90.2                       | 92.3 | 92.4 | 92.5 | 92.5 | 92.5  | 92.5 | 92.5  | 92.5  | 92.5 | 92.5 | 92.5 | 92.5 | 92.5  | 92.5 | 92.5 |
| ≥ 16000           | 90.8                       | 92.8 | 93.0 | 93.1 | 93.1 | 93.1  | 93.1 | 93.1  | 93.1  | 93.1 | 93.1 | 93.1 | 93.1 | 93.1  | 93.1 | 93.1 |
| ≥ 14000           | 91.9                       | 93.8 | 94.0 | 94.1 | 94.1 | 94.1  | 94.1 | 94.1  | 94.1  | 94.1 | 94.1 | 94.1 | 94.1 | 94.1  | 94.1 | 94.1 |
| ≥ 12000           | 93.1                       | 95.1 | 95.3 | 95.4 | 95.4 | 95.4  | 95.4 | 95.4  | 95.4  | 95.4 | 95.4 | 95.4 | 95.4 | 95.4  | 95.4 | 95.4 |
| ≥ 10000           | 93.5                       | 95.8 | 96.0 | 96.1 | 96.1 | 96.1  | 96.1 | 96.1  | 96.1  | 96.1 | 96.1 | 96.1 | 96.1 | 96.1  | 96.1 | 96.1 |
| ≥ 9000            | 94.1                       | 96.4 | 96.6 | 96.7 | 96.7 | 96.7  | 96.7 | 96.7  | 96.7  | 96.7 | 96.7 | 96.7 | 96.7 | 96.7  | 96.7 | 96.7 |
| ≥ 8000            | 94.6                       | 97.0 | 97.1 | 97.2 | 97.2 | 97.2  | 97.2 | 97.2  | 97.2  | 97.2 | 97.2 | 97.2 | 97.2 | 97.2  | 97.2 | 97.2 |
| ≥ 7000            | 94.8                       | 97.1 | 97.3 | 97.4 | 97.4 | 97.4  | 97.4 | 97.4  | 97.4  | 97.4 | 97.4 | 97.4 | 97.4 | 97.4  | 97.4 | 97.4 |
| ≥ 6000            | 95.0                       | 97.3 | 97.5 | 97.6 | 97.6 | 97.6  | 97.6 | 97.6  | 97.6  | 97.6 | 97.6 | 97.6 | 97.6 | 97.6  | 97.6 | 97.6 |
| ≥ 5000            | 95.7                       | 98.1 | 98.3 | 98.4 | 98.4 | 98.4  | 98.4 | 98.4  | 98.4  | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4 | 98.4 |
| ≥ 4500            | 95.8                       | 98.3 | 98.4 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5  | 98.5  | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5 |
| ≥ 4000            | 96.1                       | 98.5 | 98.7 | 98.8 | 98.8 | 98.8  | 98.8 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8 | 98.8 |
| ≥ 3500            | 96.3                       | 99.1 | 99.3 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 |
| ≥ 3000            | 96.9                       | 99.5 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 2500            | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 2000            | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 1800            | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 1500            | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 1200            | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 1000            | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 900             | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 800             | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 700             | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 600             | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 500             | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 400             | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 300             | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 200             | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 100             | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 0               | 97.0                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8  | 99.8  | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 1152



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23162  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1.4 | ≥ 1   | ≥ .9  | ≥ .8  | ≥ .7  | ≥ .6  | ≥ .5  | ≥ 0   |
| NO CEILING        | 87.7                       | 89.1 | 89.4 | 89.4  | 89.4  | 89.4  | 89.4  | 89.4  | 89.4  | 89.4  | 89.4  | 89.4  | 89.4  | 89.4  | 89.4  | 89.4  |
| ≥ 20000           | 90.9                       | 92.3 | 92.6 | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  |
| ≥ 18000           | 91.2                       | 92.8 | 93.0 | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  |
| ≥ 16000           | 91.7                       | 93.2 | 93.5 | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  |
| ≥ 14000           | 92.8                       | 94.4 | 94.7 | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  |
| ≥ 12000           | 93.3                       | 95.0 | 95.2 | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  |
| ≥ 10000           | 93.8                       | 95.6 | 95.8 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  |
| ≥ 9000            | 94.3                       | 96.0 | 96.2 | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  |
| ≥ 8000            | 94.8                       | 96.5 | 96.8 | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| ≥ 7000            | 94.8                       | 96.5 | 96.8 | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| ≥ 6000            | 95.1                       | 96.9 | 97.1 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 5000            | 95.8                       | 97.6 | 97.8 | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  |
| ≥ 4500            | 96.0                       | 97.7 | 98.0 | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  |
| ≥ 4000            | 96.5                       | 98.2 | 98.6 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| ≥ 3500            | 96.9                       | 98.7 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| ≥ 3000            | 97.3                       | 99.4 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 2500            | 97.6                       | 99.5 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 2000            | 97.7                       | 99.6 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 1800            | 97.7                       | 99.6 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 1500            | 97.7                       | 99.6 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 1200            | 97.7                       | 99.6 | 99.9 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| ≥ 1000            | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 97.7                       | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1150



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
PERIOD (EST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1.4 | ≥ 1   | ≥ .5  | ≥ .4  | ≥ .3  | ≥ .25 | ≥ .2  | ≥ 0   |
| NO CEILING        | 83.0                       | 84.4 | 85.0 | 85.1 | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  | 85.2  |
| ≥ 20000           | 88.3                       | 89.8 | 90.4 | 90.5 | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  | 90.6  |
| ≥ 18000           | 88.4                       | 90.0 | 90.6 | 90.7 | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  |
| ≥ 16000           | 88.7                       | 90.3 | 90.9 | 91.0 | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  |
| ≥ 14000           | 90.3                       | 92.0 | 92.6 | 92.7 | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  |
| ≥ 12000           | 92.0                       | 93.7 | 94.3 | 94.3 | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  |
| ≥ 10000           | 92.8                       | 94.4 | 95.0 | 95.1 | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  |
| ≥ 9000            | 92.8                       | 94.4 | 95.0 | 95.1 | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  |
| ≥ 8000            | 93.2                       | 94.9 | 95.5 | 95.6 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  |
| ≥ 7000            | 93.2                       | 95.1 | 95.7 | 95.8 | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  |
| ≥ 6000            | 93.8                       | 95.5 | 96.1 | 96.2 | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  |
| ≥ 5000            | 94.6                       | 96.3 | 96.9 | 97.0 | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  |
| ≥ 4500            | 94.8                       | 96.4 | 97.0 | 97.1 | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  |
| ≥ 4000            | 95.2                       | 97.1 | 97.7 | 97.8 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  |
| ≥ 3500            | 95.9                       | 97.6 | 98.2 | 98.3 | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  |
| ≥ 3000            | 97.0                       | 98.6 | 99.2 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| ≥ 2500            | 97.4                       | 99.0 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 2000            | 97.4                       | 99.0 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 1800            | 97.4                       | 99.0 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 1500            | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 97.6                       | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1150



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23102  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1   | ≥ .9  | ≥ .8  | ≥ .7  | ≥ .6  | ≥ .5  | ≥ 0   |
| NO CEILING        | 82.2                       | 84.1 | 84.5 | 84.5 | 84.5 | 84.5  | 84.5 | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  |
| ≥ 20000           | 89.3                       | 91.4 | 91.8 | 91.8 | 91.8 | 91.8  | 91.8 | 91.8  | 91.8  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  |
| IV 18000          | 89.5                       | 91.6 | 91.9 | 92.0 | 92.0 | 92.0  | 92.0 | 92.0  | 92.0  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  |
| IV 16000          | 89.8                       | 91.9 | 92.3 | 92.4 | 92.4 | 92.4  | 92.4 | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  |
| IV 14000          | 90.4                       | 92.4 | 92.8 | 92.9 | 92.9 | 92.9  | 92.9 | 92.9  | 92.9  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  |
| IV 12000          | 91.1                       | 93.2 | 93.6 | 93.7 | 93.7 | 93.7  | 93.7 | 93.7  | 93.7  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  |
| IV 10000          | 91.8                       | 93.9 | 94.3 | 94.4 | 94.4 | 94.4  | 94.4 | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  |
| IV 9000           | 91.8                       | 94.1 | 94.4 | 94.5 | 94.5 | 94.5  | 94.5 | 94.5  | 94.5  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  |
| IV 8000           | 92.2                       | 94.4 | 94.8 | 94.9 | 94.9 | 94.9  | 94.9 | 94.9  | 94.9  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| IV 7000           | 92.5                       | 94.8 | 95.1 | 95.3 | 95.3 | 95.3  | 95.3 | 95.3  | 95.3  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  |
| IV 6000           | 93.2                       | 95.5 | 95.8 | 96.0 | 96.0 | 96.0  | 96.0 | 96.0  | 96.0  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |
| IV 5000           | 93.7                       | 95.9 | 96.3 | 96.4 | 96.4 | 96.4  | 96.5 | 96.5  | 96.5  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  |
| IV 4500           | 94.1                       | 96.4 | 96.7 | 96.9 | 96.9 | 96.9  | 97.0 | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  |
| IV 4000           | 94.4                       | 96.7 | 97.0 | 97.2 | 97.2 | 97.2  | 97.3 | 97.3  | 97.3  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  |
| IV 3500           | 95.1                       | 97.4 | 97.7 | 97.9 | 97.9 | 97.9  | 98.0 | 98.0  | 98.0  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  |
| IV 3000           | 95.8                       | 98.2 | 98.5 | 98.7 | 98.7 | 98.7  | 98.8 | 98.8  | 98.8  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  |
| IV 2500           | 96.4                       | 98.8 | 99.1 | 99.3 | 99.3 | 99.3  | 99.4 | 99.4  | 99.4  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 2000           | 96.8                       | 99.1 | 99.4 | 99.7 | 99.7 | 99.7  | 99.8 | 99.8  | 99.8  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1800           | 96.8                       | 99.1 | 99.4 | 99.7 | 99.7 | 99.7  | 99.8 | 99.8  | 99.8  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1500           | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200           | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 96.9                       | 99.2 | 99.7 | 99.8 | 99.8 | 99.8  | 99.9 | 99.9  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1152



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

22182 PALMDALE APT CALIF

49-54, 61-64, 71-73

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 79.7                       | 82.2 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.8  | 82.8  | 82.8  | 82.8  | 82.8   | 82.8  | 82.8  |
| ≥ 20000           | 86.4                       | 89.3 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.9  | 89.9  | 89.9  | 89.9  | 89.9   | 89.9  | 89.9  |
| IV 18000          | 86.6                       | 89.5 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.1  | 90.1  | 90.1  | 90.1  | 90.1   | 90.1  | 90.1  |
| IV 16000          | 87.2                       | 90.2 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.8  | 90.8  | 90.8  | 90.8  | 90.8   | 90.8  | 90.8  |
| IV 14000          | 88.0                       | 91.0 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6  | 91.6  | 91.6  | 91.6  | 91.6   | 91.6  | 91.6  |
| IV 12000          | 89.7                       | 92.8 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.4  | 93.4  | 93.4  | 93.4  | 93.4   | 93.4  | 93.4  |
| IV 10000          | 90.1                       | 93.3 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9   | 93.9  | 93.9  |
| IV 9000           | 90.1                       | 93.4 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 94.0  | 94.0  | 94.0  | 94.0  | 94.0   | 94.0  | 94.0  |
| IV 8000           | 90.4                       | 93.6 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.2  | 94.2  | 94.2  | 94.2  | 94.2   | 94.2  | 94.2  |
| IV 7000           | 90.7                       | 93.9 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.5  | 94.5  | 94.5  | 94.5  | 94.5   | 94.5  | 94.5  |
| IV 6000           | 91.8                       | 95.1 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7   | 95.7  | 95.7  |
| IV 5000           | 92.6                       | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.6  | 96.6  | 96.6  | 96.6  | 96.6   | 96.6  | 96.6  |
| IV 4500           | 93.0                       | 96.4 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.0  | 97.0  | 97.0  | 97.0  | 97.0   | 97.0  | 97.0  |
| IV 4000           | 93.6                       | 97.0 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6   | 97.6  | 97.6  |
| IV 3500           | 94.1                       | 97.6 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| IV 3000           | 94.9                       | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| IV 2500           | 95.3                       | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| IV 2000           | 95.7                       | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 1800           | 95.7                       | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 1500           | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1200           | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000           | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900            | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800            | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700            | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600            | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500            | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400            | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300            | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200            | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100            | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0              | 95.9                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1145

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |      |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 5/16 | ≥ ¼  | ≥ 0   |
| NO CEILING        | 70.9                       | 76.7 | 77.9 | 78.3 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8   | 78.8 | 78.9  |
| ≥ 20000           | 78.6                       | 84.5 | 85.8 | 86.2 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7   | 86.7 | 86.8  |
| ≥ 18000           | 79.1                       | 85.1 | 86.3 | 86.7 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2   | 87.2 | 87.3  |
| ≥ 16000           | 80.1                       | 86.2 | 87.4 | 87.9 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5   | 88.5 | 88.5  |
| ≥ 14000           | 80.8                       | 87.1 | 88.3 | 88.8 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3   | 89.3 | 89.4  |
| ≥ 12000           | 82.6                       | 89.0 | 90.2 | 90.7 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3   | 91.3 | 91.3  |
| ≥ 10000           | 83.3                       | 89.7 | 90.9 | 91.5 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0   | 92.0 | 92.1  |
| ≥ 9000            | 83.7                       | 90.0 | 91.3 | 91.9 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4   | 92.4 | 92.5  |
| ≥ 8000            | 83.7                       | 90.3 | 91.5 | 92.1 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7   | 92.7 | 92.7  |
| ≥ 7000            | 84.2                       | 90.7 | 92.0 | 92.6 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1   | 93.1 | 93.2  |
| ≥ 6000            | 85.1                       | 91.6 | 92.8 | 93.4 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0   | 94.0 | 94.1  |
| ≥ 5000            | 86.2                       | 93.1 | 94.5 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6   | 95.6 | 95.7  |
| ≥ 4500            | 87.1                       | 94.0 | 95.4 | 96.0 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5   | 96.5 | 96.6  |
| ≥ 4000            | 87.9                       | 94.9 | 96.3 | 96.9 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6   | 97.6 | 97.6  |
| ≥ 3500            | 88.5                       | 95.6 | 97.0 | 97.6 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3   | 98.3 | 98.3  |
| ≥ 3000            | 89.0                       | 96.2 | 97.6 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9   | 98.9 | 99.0  |
| ≥ 2500            | 89.2                       | 96.3 | 97.7 | 98.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1   | 99.1 | 99.2  |
| ≥ 2000            | 89.7                       | 96.9 | 98.3 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7   | 99.7 | 99.7  |
| ≥ 1800            | 89.7                       | 96.9 | 98.3 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7   | 99.7 | 99.7  |
| ≥ 1500            | 89.9                       | 97.0 | 98.4 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8   | 99.8 | 99.9  |
| ≥ 1200            | 89.9                       | 97.0 | 98.4 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8   | 99.8 | 99.9  |
| ≥ 1000            | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |
| ≥ 900             | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |
| ≥ 800             | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |
| ≥ 700             | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |
| ≥ 600             | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |
| ≥ 500             | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |
| ≥ 400             | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |
| ≥ 300             | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |
| ≥ 200             | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |
| ≥ 100             | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |
| ≥ 0               | 89.9                       | 97.1 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9   | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1144



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

22182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥1/16 | ≥1/8  | ≥0    |       |
| NO CEILING        | 77.6                       | 82.6 | 83.6 | 83.9 | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  |
| ≥ 20000           | 82.1                       | 87.6 | 88.6 | 88.9 | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  |
| ≥ 18000           | 82.9                       | 88.4 | 89.4 | 89.7 | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  |
| ≥ 16000           | 83.2                       | 88.8 | 89.8 | 90.2 | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  | 90.4  |
| ≥ 14000           | 83.6                       | 89.2 | 90.2 | 90.6 | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  |
| ≥ 12000           | 84.7                       | 90.3 | 91.3 | 91.7 | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  |
| ≥ 10000           | 86.1                       | 91.7 | 92.7 | 93.1 | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  |
| ≥ 9000            | 86.7                       | 92.3 | 93.3 | 93.7 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  |
| ≥ 8000            | 87.2                       | 92.8 | 93.9 | 94.2 | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  |
| ≥ 7000            | 87.4                       | 93.1 | 94.1 | 94.5 | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  |
| ≥ 6000            | 87.5                       | 93.2 | 94.2 | 94.6 | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  |
| ≥ 5000            | 89.1                       | 94.7 | 95.8 | 96.1 | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  |
| ≥ 4500            | 89.7                       | 95.4 | 96.4 | 96.8 | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  |
| ≥ 4000            | 90.3                       | 96.1 | 97.1 | 97.5 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| ≥ 3500            | 90.8                       | 96.6 | 97.6 | 98.0 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  |
| ≥ 3000            | 91.2                       | 97.1 | 98.3 | 98.7 | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  |
| ≥ 2500            | 91.5                       | 97.5 | 98.7 | 99.0 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| ≥ 2000            | 91.8                       | 98.0 | 99.2 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1800            | 91.8                       | 98.0 | 99.2 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1500            | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 92.0                       | 98.2 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1142

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ≥5.16 | ¾     | ≥0    |
| NO CEILING        | 85.4                       | 89.5 | 89.9 | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  |
| ≥ 20000           | 87.5                       | 91.6 | 92.0 | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  |
| ≥ 18000           | 87.8                       | 91.8 | 92.3 | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  |
| ≥ 16000           | 88.5                       | 92.5 | 93.0 | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  |
| ≥ 14000           | 89.1                       | 93.2 | 93.7 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  |
| ≥ 12000           | 90.2                       | 94.4 | 94.9 | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  |
| ≥ 10000           | 90.8                       | 95.1 | 95.6 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  |
| IV 9000           | 91.1                       | 95.4 | 95.8 | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |
| IV 8000           | 91.2                       | 95.6 | 96.0 | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  |
| IV 7000           | 91.5                       | 95.8 | 96.3 | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  |
| IV 6000           | 91.5                       | 95.8 | 96.3 | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  |
| IV 5000           | 92.7                       | 97.1 | 97.6 | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  |
| IV 4500           | 92.9                       | 97.4 | 97.8 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  |
| IV 4000           | 93.1                       | 97.7 | 98.1 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  |
| IV 3500           | 93.7                       | 98.4 | 98.8 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| IV 3000           | 94.0                       | 98.9 | 99.3 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| IV 2500           | 94.2                       | 99.1 | 99.6 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 2000           | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800           | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500           | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200           | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 94.2                       | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1153



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥5/16 | ≥¼    | ≥0    |
| NO CEILING        | 92.1                       | 92.8 | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  |
| ≥ 20000           | 94.6                       | 95.7 | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  |
| ≥ 18000           | 94.6                       | 95.7 | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  |
| ≥ 16000           | 94.6                       | 95.7 | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  |
| ≥ 14000           | 95.0                       | 96.3 | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  |
| ≥ 12000           | 95.2                       | 96.5 | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| ≥ 10000           | 95.5                       | 96.8 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 9000            | 95.5                       | 96.8 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 8000            | 95.8                       | 97.1 | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  |
| ≥ 7000            | 96.0                       | 97.3 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| ≥ 6000            | 96.2                       | 97.5 | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  |
| ≥ 5000            | 97.0                       | 98.3 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| ≥ 4500            | 97.0                       | 98.3 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| ≥ 4000            | 97.7                       | 99.0 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 3500            | 97.8                       | 99.1 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 3000            | 97.8                       | 99.2 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| ≥ 2500            | 98.1                       | 99.4 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 2000            | 98.1                       | 99.4 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1800            | 98.2                       | 99.5 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 1500            | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 98.4                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1200

USAFETAC

FORM  
JUN 71

0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5    | ≥4    | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1    | ≥.5   | ≥.25  | ≥.1   | ≥.05  | ≥.025 | ≥.01  | ≥0    |
| NO CEILING        | 89.7                       | 90.3 | 90.3  | 90.3  | 90.3  | 90.3  | 90.3  | 90.2  | 90.3  | 90.3  | 90.3  | 90.3  | 90.3  | 90.3  | 90.3  | 90.3  |
| ≥ 20000           | 93.8                       | 94.5 | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  |
| ≥ 18000           | 93.8                       | 94.5 | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  |
| ≥ 16000           | 94.0                       | 94.8 | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  |
| ≥ 14000           | 94.9                       | 95.7 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  |
| ≥ 12000           | 95.1                       | 96.0 | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |
| ≥ 10000           | 95.1                       | 96.0 | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |
| ≥ 9000            | 95.1                       | 96.0 | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |
| ≥ 8000            | 95.3                       | 96.1 | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  |
| ≥ 7000            | 95.8                       | 96.6 | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| ≥ 6000            | 96.1                       | 96.9 | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  |
| ≥ 5000            | 97.1                       | 97.9 | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  |
| ≥ 4500            | 97.2                       | 98.1 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  |
| ≥ 4000            | 97.7                       | 98.6 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  |
| ≥ 3500            | 98.0                       | 98.8 | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  |
| ≥ 3000            | 98.3                       | 99.2 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| ≥ 2500            | 98.4                       | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 2000            | 98.6                       | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1800            | 98.8                       | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 1500            | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 99.1                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1191

USAFETAC

FORM  
JUN 71

0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 87.3                       | 88.6 | 88.7 | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8   | 88.8  | 88.8  |
| ≥ 20000           | 92.4                       | 93.7 | 93.8 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9   | 93.9  | 93.9  |
| ≥ 18000           | 92.4                       | 93.7 | 93.8 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9   | 93.9  | 93.9  |
| ≥ 16000           | 93.1                       | 94.4 | 94.5 | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5   | 94.5  | 94.5  |
| ≥ 14000           | 94.4                       | 95.6 | 95.7 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8   | 95.8  | 95.8  |
| ≥ 12000           | 94.6                       | 95.9 | 96.0 | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1   | 96.1  | 96.1  |
| ≥ 10000           | 95.2                       | 96.5 | 96.6 | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6   | 96.6  | 96.6  |
| ≥ 9000            | 95.4                       | 96.6 | 96.7 | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8   | 96.8  | 96.8  |
| ≥ 8000            | 95.6                       | 96.8 | 96.9 | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0   | 97.0  | 97.0  |
| ≥ 7000            | 95.8                       | 97.1 | 97.1 | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2   | 97.2  | 97.2  |
| ≥ 6000            | 96.0                       | 97.2 | 97.3 | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4  |
| ≥ 5000            | 96.8                       | 98.1 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| ≥ 4500            | 96.8                       | 98.1 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| ≥ 4000            | 97.0                       | 98.3 | 98.4 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5   | 98.5  | 98.5  |
| ≥ 3500            | 97.1                       | 98.5 | 98.6 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7   | 98.7  | 98.7  |
| ≥ 3000            | 97.7                       | 99.0 | 99.1 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| ≥ 2500            | 98.1                       | 99.4 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 2000            | 98.3                       | 99.7 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1800            | 98.3                       | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1500            | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 98.4                       | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1192

USAF ETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

DAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥ 10                       | ≥ 9   | ≥ 8   | ≥ 7   | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ 0   |
| NO CEILING        | 87.0                       | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  | 87.9  |
| ≥ 20000           | 93.3                       | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  |
| ≥ 18000           | 93.5                       | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  | 94.4  |
| ≥ 16000           | 93.9                       | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  |
| ≥ 14000           | 94.6                       | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  |
| ≥ 12000           | 94.7                       | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  |
| ≥ 10000           | 94.9                       | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  |
| ≥ 9000            | 94.9                       | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  |
| ≥ 8000            | 95.0                       | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  |
| ≥ 7000            | 95.4                       | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  |
| ≥ 6000            | 95.9                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| ≥ 5000            | 96.4                       | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  |
| ≥ 4500            | 96.5                       | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  |
| ≥ 4000            | 96.9                       | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  |
| ≥ 3500            | 97.5                       | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  |
| ≥ 3000            | 98.4                       | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 2500            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1156

USAFETAC FORM JUN 71 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22182 STATION PALMDALE APT CALIF

49-54, 61-64, 71-73 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ¾     | ½     | ¼     | ≥ 5 16 | ≥ 4   | ≥ 0   |
| NO CEILING        | 82.1                       | 84.8 | 84.9 | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0  | 85.0   | 85.0  | 85.0  |
| ≥ 20000           | 89.4                       | 92.0 | 92.2 | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3   | 92.3  | 92.3  |
| IV 18000          | 90.0                       | 92.7 | 92.9 | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0   | 93.0  | 93.0  |
| IV 16000          | 90.2                       | 92.9 | 93.0 | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1   | 93.1  | 93.1  |
| IV 14000          | 91.3                       | 94.1 | 94.2 | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3   | 94.3  | 94.3  |
| IV 12000          | 92.2                       | 95.1 | 95.2 | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3   | 95.3  | 95.3  |
| IV 10000          | 92.6                       | 95.5 | 95.6 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7   | 95.7  | 95.7  |
| IV 9000           | 92.6                       | 95.5 | 95.6 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7   | 95.7  | 95.7  |
| IV 8000           | 93.1                       | 96.0 | 96.1 | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2   | 96.2  | 96.2  |
| IV 7000           | 93.2                       | 96.1 | 96.2 | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3   | 96.3  | 96.3  |
| IV 6000           | 94.1                       | 97.0 | 97.2 | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2   | 97.2  | 97.2  |
| IV 5000           | 95.1                       | 98.0 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| IV 4500           | 95.1                       | 98.0 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| IV 4000           | 95.2                       | 98.1 | 98.2 | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3   | 98.3  | 98.3  |
| IV 3500           | 95.6                       | 98.5 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7   | 98.7  | 98.7  |
| IV 3000           | 96.6                       | 99.5 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| IV 2500           | 96.6                       | 99.5 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| IV 2000           | 96.8                       | 99.7 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 1800           | 96.8                       | 99.7 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 1500           | 96.8                       | 99.7 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 1200           | 96.8                       | 99.7 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 1000           | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900            | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800            | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700            | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600            | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500            | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400            | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300            | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200            | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100            | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0              | 96.8                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1194

USAFETAC FORM JUN 71 0-14-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182

PALMDALE APT CALIF

49-54,61-64,71-73

DAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5  | ≥1.4  | ≥1    | ≥.9   | ≥.8   | ≥.7   | ≥.6   | ≥.5   | ≥.4   |
| NO CEILING        | 72.4                       | 81.4 | 82.6 | 82.8 | 83.1 | 83.1 | 83.1 | 83.2  | 83.2  | 83.2  | 83.2  | 83.2  | 83.2  | 83.2  | 83.2  | 83.2  |
| ≥ 20000           | 79.6                       | 89.1 | 90.3 | 90.5 | 90.8 | 90.8 | 90.8 | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  |
| IV 18000          | 80.3                       | 89.9 | 91.0 | 91.3 | 91.5 | 91.5 | 91.5 | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  |
| IV 16000          | 80.5                       | 90.0 | 91.2 | 91.5 | 91.7 | 91.7 | 91.7 | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  |
| IV 14000          | 81.4                       | 91.2 | 92.5 | 92.7 | 93.0 | 93.0 | 93.0 | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  | 93.1  |
| IV 12000          | 82.3                       | 92.2 | 93.5 | 93.7 | 94.0 | 94.0 | 94.0 | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  |
| IV 10000          | 82.8                       | 92.7 | 94.0 | 94.2 | 94.5 | 94.5 | 94.5 | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  |
| IV 9000           | 83.6                       | 93.5 | 94.7 | 95.0 | 95.2 | 95.2 | 95.2 | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  |
| IV 8000           | 84.2                       | 94.1 | 95.3 | 95.6 | 95.8 | 95.8 | 95.8 | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  |
| IV 7000           | 84.5                       | 94.4 | 95.6 | 95.9 | 96.1 | 96.1 | 96.1 | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  |
| IV 6000           | 84.9                       | 94.8 | 96.1 | 96.3 | 96.6 | 96.6 | 96.6 | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| IV 5000           | 86.3                       | 96.1 | 97.4 | 97.7 | 97.9 | 97.9 | 97.9 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  |
| IV 4500           | 87.0                       | 96.9 | 98.2 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| IV 4000           | 87.3                       | 97.2 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| IV 3500           | 87.5                       | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 3000           | 88.0                       | 97.9 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 2500           | 88.0                       | 97.9 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 2000           | 88.0                       | 97.9 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 1800           | 88.0                       | 97.9 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 1500           | 88.1                       | 98.0 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1200           | 88.1                       | 98.0 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1000           | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 88.1                       | 98.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1194



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 STATION PALMDALE APT CALIF

49-54,61-64,71-73 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥5/16 | ≥¼    | ≥0    |
| NO CEILING        | 81.4                       | 86.6 | 87.1 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  | 87.5  |
| ≥ 20000           | 85.6                       | 91.1 | 91.5 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  |
| ≥ 18000           | 86.4                       | 91.9 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  |
| ≥ 16000           | 86.6                       | 92.2 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  |
| ≥ 14000           | 87.5                       | 93.1 | 93.5 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  |
| ≥ 12000           | 87.7                       | 93.4 | 94.0 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  |
| ≥ 10000           | 88.2                       | 93.9 | 94.5 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  |
| ≥ 9000            | 88.7                       | 94.6 | 95.3 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  |
| ≥ 8000            | 89.2                       | 95.0 | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |
| ≥ 7000            | 89.4                       | 95.3 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  |
| ≥ 6000            | 89.8                       | 95.7 | 96.4 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| ≥ 5000            | 90.6                       | 96.5 | 97.1 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| ≥ 4500            | 91.4                       | 97.3 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  |
| ≥ 4000            | 92.4                       | 98.2 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 3500            | 92.6                       | 98.5 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 3000            | 92.7                       | 98.6 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 2500            | 92.8                       | 98.7 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 2000            | 92.9                       | 98.7 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 1800            | 92.9                       | 98.7 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 1500            | 92.9                       | 98.7 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 1200            | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 93.0                       | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1191



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ¾     | ≥5/16 | ≥0    |
| NO CEILING        | 89.9                       | 92.6 | 92.6 | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  |
| ≥ 20000           | 91.6                       | 94.9 | 94.9 | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  |
| ≥ 18000           | 92.2                       | 95.5 | 95.5 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  |
| IV 16000          | 92.2                       | 95.5 | 95.5 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  |
| IV 14000          | 93.2                       | 96.4 | 96.4 | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  |
| IV 12000          | 93.4                       | 96.8 | 97.0 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| IV 10000          | 93.5                       | 96.9 | 97.0 | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  |
| IV 9000           | 93.6                       | 97.0 | 97.2 | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  |
| IV 8000           | 93.8                       | 97.3 | 97.5 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| IV 7000           | 93.8                       | 97.3 | 97.5 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| IV 6000           | 94.3                       | 97.9 | 98.1 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  |
| IV 5000           | 94.4                       | 98.4 | 98.6 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  |
| IV 4500           | 95.2                       | 98.8 | 99.0 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| IV 4000           | 95.7                       | 99.3 | 99.5 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 3500           | 95.8                       | 99.4 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 3000           | 95.9                       | 99.6 | 99.7 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 2500           | 95.9                       | 99.6 | 99.7 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 2000           | 95.9                       | 99.6 | 99.7 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1800           | 95.9                       | 99.6 | 99.7 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1500           | 95.9                       | 99.6 | 99.7 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1200           | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 95.9                       | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1183



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ¾     | ≥5/16 | ≥¼    | ≥0    |
| NO CEILING        | 97.2                       | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| ≥ 20000           | 97.2                       | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 18000           | 97.2                       | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 16000           | 97.2                       | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 14000           | 97.2                       | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 12000           | 97.2                       | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 10000           | 97.2                       | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 9000            | 97.2                       | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 8000            | 98.0                       | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 7000            | 98.1                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 6000            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 5000            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 98.4                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1115

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ≥5/16 | ¾     | ≥0    |
| NO CEILING        | 96.9                       | 97.5 | 97.5 | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  |
| ≥ 20000           | 97.9                       | 98.5 | 98.5 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| IV 18000          | 97.9                       | 98.5 | 98.5 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| IV 16000          | 97.9                       | 98.5 | 98.5 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| IV 14000          | 98.6                       | 99.1 | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| IV 12000          | 98.7                       | 99.3 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 10000          | 98.9                       | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 9000           | 98.9                       | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 8000           | 98.9                       | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 7000           | 98.9                       | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 6000           | 99.0                       | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 5000           | 99.0                       | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 4500           | 99.2                       | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 4000           | 99.2                       | 99.8 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 3500           | 99.2                       | 99.8 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 3000           | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500           | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000           | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800           | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500           | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200           | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 99.2                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1111

USAFETAC FORM JUN 71 0-143 (OI, A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1   | ≥ .5  | ≥ .5  | ≥ .5  | ≥ .5  | ≥ 5-10 | ≥ .5  | ≥ 0   |
| NO CEILING        | 95.9                       | 96.3 | 96.3 | 96.3 | 96.3 | 96.3  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4   | 96.4  | 96.4  |
| ≥ 20000           | 97.2                       | 97.7 | 97.7 | 97.7 | 97.7 | 97.7  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8   | 97.8  | 97.8  |
| ≥ 18000           | 97.3                       | 97.8 | 97.8 | 97.8 | 97.8 | 97.8  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9   | 97.9  | 97.9  |
| ≥ 16000           | 97.4                       | 97.9 | 97.9 | 97.9 | 97.9 | 97.9  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0   | 98.0  | 98.0  |
| IV 14000          | 98.2                       | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8  |
| IV 12000          | 98.3                       | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| IV 10000          | 98.9                       | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5  |
| IV 9000           | 99.0                       | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 8000           | 99.0                       | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 7000           | 99.0                       | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 6000           | 99.0                       | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 5000           | 99.2                       | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| IV 4500           | 99.3                       | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 4000           | 99.3                       | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 3500           | 99.4                       | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 3000           | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2500           | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2000           | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1800           | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1500           | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1200           | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000           | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900            | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800            | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700            | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600            | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500            | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400            | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300            | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200            | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100            | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0              | 99.3                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1122

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 95.6                       | 96.2 | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3   | 96.3  | 96.3  |
| ≥ 20000           | 97.0                       | 97.6 | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8   | 97.8  | 97.8  |
| IV 18000          | 97.2                       | 97.8 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9   | 97.9  | 97.9  |
| IV 16000          | 97.5                       | 98.0 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| IV 14000          | 97.9                       | 98.5 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7   | 98.7  | 98.7  |
| IV 12000          | 98.4                       | 98.9 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1  | 99.1  |
| IV 10000          | 98.7                       | 99.2 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 9000           | 98.7                       | 99.2 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 8000           | 98.7                       | 99.2 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 7000           | 98.7                       | 99.2 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 6000           | 98.7                       | 99.2 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 5000           | 98.6                       | 99.4 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 4500           | 98.6                       | 99.4 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 4000           | 98.6                       | 99.4 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 3500           | 98.9                       | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 3000           | 99.1                       | 99.6 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| IV 2500           | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2000           | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1800           | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1500           | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1200           | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000           | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900            | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800            | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700            | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600            | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500            | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400            | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300            | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200            | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100            | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 0                 | 99.3                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1117

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 STATION PALMDALE APT CALIF

49-54,61-64,71-73 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1½   | ≥1    | ≥½    | ≥¼    | ≥¼    | ≥5/16 | ≥¼    | ≥0    |
| NO CEILING        | 89.2                       | 92.9 | 94.0 | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  |
| ≥ 20000           | 91.8                       | 93.6 | 96.7 | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  |
| ≥ 18000           | 91.9                       | 93.7 | 96.8 | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  |
| ≥ 16000           | 92.0                       | 93.9 | 97.0 | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  |
| ≥ 14000           | 92.7                       | 96.6 | 97.7 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  |
| ≥ 12000           | 93.2                       | 97.0 | 98.1 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  |
| ≥ 10000           | 93.4                       | 97.2 | 98.3 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| ≥ 9000            | 93.6                       | 97.4 | 98.5 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  |
| ≥ 8000            | 93.6                       | 97.4 | 98.5 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  |
| ≥ 7000            | 93.7                       | 97.7 | 98.7 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| ≥ 6000            | 93.7                       | 97.7 | 98.7 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| ≥ 5000            | 93.7                       | 97.7 | 98.7 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| ≥ 4500            | 93.7                       | 97.7 | 98.7 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| ≥ 4000            | 94.0                       | 97.9 | 99.0 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 3500            | 94.4                       | 98.3 | 99.4 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 3000            | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500            | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000            | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800            | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500            | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 94.7                       | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1117

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1   | ≥ .5  | ≥ .3  | ≥ .2  | ≥ .1  | ≥ .05 | ≥ .01 | ≥ 0   |
| NO CEILING        | 83.2                       | 93.2 | 95.0 | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  |
| IV 20000          | 84.7                       | 95.1 | 97.0 | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  |
| IV 18000          | 84.8                       | 95.2 | 97.1 | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  |
| IV 16000          | 84.8                       | 95.2 | 97.1 | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  |
| IV 14000          | 85.1                       | 95.8 | 97.7 | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  |
| IV 12000          | 85.7                       | 96.3 | 98.2 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| IV 10000          | 85.9                       | 96.7 | 98.6 | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  |
| IV 9000           | 85.9                       | 96.7 | 98.6 | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  |
| IV 8000           | 86.0                       | 96.8 | 98.7 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| IV 7000           | 86.2                       | 97.0 | 98.8 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| IV 6000           | 86.3                       | 97.1 | 98.9 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 5000           | 86.3                       | 97.1 | 98.9 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 4500           | 86.3                       | 97.1 | 98.9 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 4000           | 86.3                       | 97.1 | 98.9 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 3500           | 86.7                       | 97.5 | 99.4 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 3000           | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500           | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000           | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800           | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500           | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200           | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 87.0                       | 97.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1122

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 STATION PALMDALE APT CALIF

49-54,61-64,71-73 YEARS

1111 MON:H

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1    | ≥0.5  | ≥0.25 | ≥0.1  | ≥0.05 | ≥0.025 | ≥0.01 | ≥0    |
| NO CEILING        | 91.5                       | 95.6 | 96.6 | 96.9 | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0   | 97.0  | 97.0  |
| ≥ 20000           | 92.7                       | 97.0 | 97.9 | 98.2 | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3   | 98.3  | 98.3  |
| ≥ 18000           | 92.8                       | 97.2 | 98.2 | 98.5 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  | 98.6  |
| ≥ 16000           | 92.8                       | 97.2 | 98.2 | 98.5 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  | 98.6  |
| ≥ 14000           | 92.8                       | 97.2 | 98.2 | 98.5 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  | 98.6  |
| ≥ 12000           | 93.0                       | 97.4 | 98.4 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7   | 98.7  | 98.7  |
| ≥ 10000           | 93.4                       | 97.8 | 98.7 | 99.0 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1  | 99.1  |
| ≥ 9000            | 93.4                       | 97.8 | 98.7 | 99.0 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1  | 99.1  |
| ≥ 8000            | 93.6                       | 98.0 | 99.0 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| ≥ 7000            | 93.6                       | 98.0 | 99.0 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| ≥ 6000            | 93.7                       | 98.1 | 99.1 | 99.4 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5  |
| ≥ 5000            | 93.8                       | 98.2 | 99.2 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 4500            | 93.8                       | 98.2 | 99.2 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 4000            | 93.9                       | 98.3 | 99.3 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 3500            | 93.9                       | 98.3 | 99.3 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 3000            | 94.1                       | 98.6 | 99.6 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| ≥ 2500            | 94.1                       | 98.6 | 99.6 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| ≥ 2000            | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500            | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 94.1                       | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1117

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |        |       |        |         |        |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|---------|--------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1   | ≥ 0.5 | ≥ 0.25 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 | ≥ 0   |
| NO CEILING        | 95.8                       | 97.8 | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3   | 98.3  | 98.3   | 98.3    | 98.3   | 98.3  |
| ≥ 20000           | 96.3                       | 98.4 | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9   | 98.9  | 98.9   | 98.9    | 98.9   | 98.9  |
| ≥ 18000           | 96.4                       | 98.5 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0   | 99.0    | 99.0   | 99.0  |
| ≥ 16000           | 96.4                       | 98.5 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0   | 99.0    | 99.0   | 99.0  |
| ≥ 14000           | 96.4                       | 98.5 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0   | 99.0    | 99.0   | 99.0  |
| ≥ 12000           | 96.8                       | 98.8 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4   | 99.4    | 99.4   | 99.4  |
| ≥ 10000           | 96.8                       | 98.8 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4   | 99.4    | 99.4   | 99.4  |
| ≥ 9000            | 96.8                       | 98.8 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4   | 99.4    | 99.4   | 99.4  |
| ≥ 8000            | 96.8                       | 98.8 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4   | 99.4    | 99.4   | 99.4  |
| ≥ 7000            | 97.1                       | 99.1 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6   | 99.6    | 99.6   | 99.6  |
| ≥ 6000            | 97.2                       | 99.4 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9   | 99.9    | 99.9   | 99.9  |
| ≥ 5000            | 97.2                       | 99.4 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9   | 99.9    | 99.9   | 99.9  |
| ≥ 4500            | 97.2                       | 99.4 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9   | 99.9    | 99.9   | 99.9  |
| ≥ 4000            | 97.2                       | 99.4 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9   | 99.9    | 99.9   | 99.9  |
| ≥ 3500            | 97.2                       | 99.4 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9   | 99.9    | 99.9   | 99.9  |
| ≥ 3000            | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 2500            | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 2000            | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 1800            | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 1500            | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 1200            | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 1000            | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 900             | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 800             | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 700             | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 600             | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 500             | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 400             | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 300             | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 200             | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 100             | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |
| ≥ 0               | 97.4                       | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0  | 100.0   | 100.0  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1119



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 95.9                       | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9   | 95.9  | 95.9  |
| ≥ 20000           | 96.5                       | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5   | 96.5  | 96.5  |
| IV 18000          | 96.5                       | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5   | 96.5  | 96.5  |
| IV 16000          | 97.0                       | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0   | 97.0  | 97.0  |
| IV 14000          | 99.0                       | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| IV 12000          | 99.6                       | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 10000          | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 9000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 8000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 7000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 6000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 5000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 4500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 4000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1800           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1500           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1200           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0              | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1150

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54, 51-54, 71-73

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1.0 | ≥ .75 | ≥ .5  | ≥ .25 | ≥ .16 | ≥ .1  | ≥ .05 | ≥ 0   |
| NO CEILING        | 94.6                       | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  |
| ≥ 20000           | 95.3                       | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  |
| ≥ 18000           | 95.3                       | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  |
| ≥ 16000           | 95.9                       | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  |
| ≥ 14000           | 98.2                       | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  |
| ≥ 12000           | 99.3                       | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 10000           | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 9000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 8000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 7000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 6000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 5000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 100.0                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1159

USAFETAC FC M JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5-16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 91.7                       | 91.7 | 91.8 | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9   | 91.9  | 91.9  |
| ≥ 20000           | 93.9                       | 93.9 | 94.0 | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1   | 94.1  | 94.1  |
| ≥ 18000           | 94.1                       | 94.1 | 94.2 | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3   | 94.3  | 94.3  |
| ≥ 16000           | 94.9                       | 94.9 | 95.0 | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0   | 95.0  | 95.0  |
| ≥ 14000           | 95.6                       | 95.6 | 95.7 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8   | 95.8  | 95.8  |
| ≥ 12000           | 97.4                       | 97.4 | 97.5 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6   | 97.6  | 97.6  |
| ≥ 10000           | 99.0                       | 99.2 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| ≥ 9000            | 99.2                       | 99.4 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 8000            | 99.5                       | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 7000            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 6000            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 5000            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4500            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4000            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3000            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 99.7                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1149

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 STATION PALMDALE APT CALIF

49-54,61-64,71-73 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 92.9                       | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9   | 92.9  | 92.9  |
| ≥ 20000           | 94.9                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0   | 95.0  | 95.0  |
| IV 18000          | 95.1                       | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3   | 95.3  | 95.3  |
| IV 16000          | 95.3                       | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5   | 95.5  | 95.5  |
| IV 14000          | 96.3                       | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5   | 96.5  | 96.5  |
| IV 12000          | 98.1                       | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3   | 98.3  | 98.3  |
| IV 10000          | 98.9                       | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1  | 99.1  |
| IV 9000           | 99.0                       | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| IV 8000           | 99.3                       | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 7000           | 99.7                       | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 6000           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 5000           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 4500           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 4000           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3500           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3000           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2500           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2000           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1800           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1500           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1200           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000           | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 900            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 700            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 500            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0              | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1146



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5-16 | ≥ 4   | ≥ 0   |
| NO CEILING        | 88.9                       | 89.8 | 89.8 | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9   | 89.9  | 89.9  |
| ≥ 20000           | 90.9                       | 91.9 | 91.9 | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0   | 92.0  | 92.0  |
| ≥ 18000           | 91.5                       | 92.5 | 92.5 | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6   | 92.6  | 92.6  |
| ≥ 16000           | 92.2                       | 93.2 | 93.2 | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3   | 93.3  | 93.3  |
| ≥ 14000           | 93.9                       | 94.9 | 94.9 | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0   | 95.0  | 95.0  |
| ≥ 12000           | 95.2                       | 96.3 | 96.3 | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4   | 96.4  | 96.4  |
| ≥ 10000           | 96.6                       | 97.7 | 97.7 | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8   | 97.8  | 97.8  |
| ≥ 9000            | 97.0                       | 98.1 | 98.1 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| ≥ 8000            | 98.2                       | 99.3 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| ≥ 7000            | 98.6                       | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 6000            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 5000            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4500            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4000            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3000            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 98.8                       | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1157

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1½   | ≥1    | ≥¾    | ≥¾    | ≥¾    | ≥5/16 | ≥0    |
| NO CEILING        | 84.2                       | 89.3 | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  |
| ≥ 20000           | 86.0                       | 91.3 | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  |
| ≥ 18000           | 86.3                       | 91.7 | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  |
| IV 16000          | 86.7                       | 92.0 | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  | 92.6  |
| IV 14000          | 88.3                       | 93.9 | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  | 94.5  |
| IV 12000          | 89.5                       | 95.0 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  |
| IV 10000          | 91.4                       | 97.0 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| IV 9000           | 91.8                       | 97.4 | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  |
| IV 8000           | 92.8                       | 98.3 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| IV 7000           | 93.6                       | 99.1 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 6000           | 93.7                       | 99.2 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 5000           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 93.8                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1150

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6   | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | 0     |
| NO CEILING        | 91.9                       | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8  | 92.8   | 92.8  | 92.8  |
| ≥ 20000           | 94.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0   | 95.0  | 95.0  |
| ≥ 18000           | 94.0                       | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0   | 95.0  | 95.0  |
| ≥ 16000           | 94.2                       | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2  | 95.2  |
| ≥ 14000           | 95.3                       | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3   | 96.3  | 96.3  |
| ≥ 12000           | 96.5                       | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5   | 97.5  | 97.5  |
| ≥ 10000           | 98.0                       | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| ≥ 9000            | 98.4                       | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 8000            | 98.7                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 7000            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 6000            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 5000            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4500            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4000            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3000            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 99.0                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1157

USAFETAC FORM JUN 71 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 95.6                       | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7   | 95.7  | 95.7  |
| ≥ 20000           | 96.8                       | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9  | 96.9  | 96.9  | 96.9  | 96.9   | 96.9  | 96.9  |
| ≥ 18000           | 96.8                       | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9  | 96.9  | 96.9  | 96.9  | 96.9   | 96.9  | 96.9  |
| ≥ 16000           | 97.0                       | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1   | 97.1  | 97.1  |
| ≥ 14000           | 99.0                       | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1  | 99.1  |
| ≥ 12000           | 99.2                       | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 10000           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 9000           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 8000            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 7000           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 6000            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 5000           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4500            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 4000           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 3000           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 2000           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1500           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 1000           | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 800            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 600            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200            | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0              | 99.9                       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1167

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6    | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ¾     | ≥5/16 | ≥0    |
| NO CEILING        | 95.8                       | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |
| ≥ 20000           | 96.5                       | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| ≥ 18000           | 96.8                       | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  |
| ≥ 16000           | 96.9                       | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  |
| ≥ 14000           | 97.4                       | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  |
| ≥ 12000           | 98.7                       | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| ≥ 10000           | 99.2                       | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 9000            | 99.3                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 8000            | 99.3                       | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| ≥ 7000            | 99.4                       | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 6000            | 99.4                       | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| ≥ 5000            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 99.7                       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1200



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 93.0                       | 93.2 | 93.4 | 93.4 | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4   | 93.4  | 93.4  |
| ≥ 20000           | 94.2                       | 94.5 | 94.6 | 94.6 | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6   | 94.6  | 94.6  |
| ≥ 18000           | 94.6                       | 94.8 | 95.0 | 95.0 | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0   | 95.0  | 95.0  |
| ≥ 16000           | 95.1                       | 95.3 | 95.5 | 95.5 | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5   | 95.5  | 95.5  |
| ≥ 14000           | 95.6                       | 95.8 | 96.0 | 96.0 | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0  | 96.0   | 96.0  | 96.0  |
| ≥ 12000           | 97.2                       | 97.5 | 97.7 | 97.7 | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7   | 97.7  | 97.7  |
| ≥ 10000           | 98.6                       | 98.8 | 99.0 | 99.0 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1  | 99.1  |
| ≥ 9000            | 98.8                       | 99.1 | 99.2 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 8000            | 99.1                       | 99.3 | 99.5 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 7000            | 99.2                       | 99.6 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 6000            | 99.2                       | 99.6 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 5000            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4500            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4000            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3000            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 99.4                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1196

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1½  | ≥1   | ≥¾   | ≥¾   | ≥½   | ≥5/16 | ≥¼   | ≥0   |
| NO CEILING        | 90.3                       | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8  | 90.8 | 90.8 |
| ≥ 20000           | 92.2                       | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7  | 92.7 | 92.7 |
| ≥ 18000           | 92.8                       | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3  | 93.3 | 93.3 |
| ≥ 16000           | 93.2                       | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7  | 93.7 | 93.7 |
| ≥ 14000           | 94.8                       | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5  | 95.5 | 95.5 |
| ≥ 12000           | 96.1                       | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7  | 96.7 | 96.7 |
| ≥ 10000           | 98.4                       | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| ≥ 9000            | 98.4                       | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| ≥ 8000            | 99.0                       | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 7000            | 99.1                       | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 6000            | 99.1                       | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 5000            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 4500            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 4000            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 3500            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 3000            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 2500            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 2000            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 1800            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 1500            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 1200            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 1000            | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 900             | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 800             | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 700             | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 600             | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 500             | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 400             | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 300             | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 200             | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 100             | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 0               | 99.2                       | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 1199

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23162  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1   | ≥ .5  | ≥ .3  | ≥ .2  | ≥ .1  | ≥ .05 | ≥ .01 | ≥ 0   |
| NO CEILING        | 92.2                       | 92.4 | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  |
| ≥ 20000           | 94.0                       | 94.3 | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  |
| ≥ 18000           | 94.4                       | 94.7 | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  |
| IV 16000          | 94.5                       | 94.8 | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  |
| IV 14000          | 95.4                       | 95.8 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  |
| IV 12000          | 97.2                       | 97.7 | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  |
| IV 10000          | 98.5                       | 99.0 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| IV 9000           | 99.0                       | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| IV 8000           | 99.3                       | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 7000           | 99.3                       | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 6000           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 5000           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 99.3                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1200

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 88.7                       | 90.4 | 90.6 | 90.9 | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0  | 91.0   | 91.0  | 91.0  |
| ≥ 20000           | 90.9                       | 92.6 | 92.8 | 93.1 | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2   | 93.2  | 93.2  |
| 18000             | 91.1                       | 92.8 | 93.0 | 93.3 | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4   | 93.4  | 93.4  |
| 16000             | 91.2                       | 93.0 | 93.1 | 93.5 | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6   | 93.6  | 93.6  |
| 14000             | 92.8                       | 94.7 | 94.9 | 95.2 | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3   | 95.3  | 95.3  |
| 12000             | 93.5                       | 95.6 | 95.8 | 96.2 | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2   | 96.2  | 96.2  |
| 10000             | 94.6                       | 96.7 | 96.9 | 97.2 | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3   | 97.3  | 97.3  |
| 9000              | 95.5                       | 97.6 | 97.8 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| 8000              | 96.2                       | 98.2 | 98.5 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8  |
| 7000              | 96.3                       | 98.4 | 98.7 | 99.0 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1   | 99.1  | 99.1  |
| 6000              | 96.9                       | 99.0 | 99.2 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| 5000              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 4500              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 4000              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 3500              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 3000              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 2500              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 2000              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 1800              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 1500              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 1200              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 1000              | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 900               | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 800               | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 700               | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 600               | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 500               | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 400               | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 300               | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 200               | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 100               | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| 0                 | 97.2                       | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1197

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5    | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥5/16 | ≥¼    | ≥0    |
| NO CEILING        | 82.0                       | 89.8 | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  | 90.5  |
| ≥ 20000           | 83.3                       | 91.2 | 91.8  | 91.8  | 91.8  | 91.8  | 91.8  | 91.8  | 91.8  | 91.8  | 91.8  | 91.8  | 91.8  | 91.8  | 91.8  | 91.8  |
| ≥ 18000           | 83.3                       | 91.3 | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  | 91.9  |
| ≥ 16000           | 83.7                       | 91.6 | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  |
| ≥ 14000           | 85.4                       | 93.4 | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  |
| ≥ 12000           | 86.9                       | 94.9 | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  |
| ≥ 10000           | 88.3                       | 96.4 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| ≥ 9000            | 89.2                       | 97.2 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  |
| ≥ 8000            | 89.9                       | 98.0 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  |
| ≥ 7000            | 90.2                       | 98.2 | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  |
| ≥ 6000            | 90.8                       | 98.9 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 5000            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 91.3                       | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1189

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 90.9                       | 93.0 | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0   | 93.0  | 93.0  |
| ≥ 20000           | 92.8                       | 94.8 | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8   | 94.8  | 94.8  |
| ≥ 18000           | 92.8                       | 94.8 | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8   | 94.8  | 94.8  |
| ≥ 16000           | 92.9                       | 94.9 | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  | 94.9  |
| ≥ 14000           | 94.5                       | 96.5 | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5   | 96.5  | 96.5  |
| ≥ 12000           | 95.1                       | 97.1 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1   | 97.1  | 97.1  |
| ≥ 10000           | 96.4                       | 98.6 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  | 98.6  |
| ≥ 9000            | 96.6                       | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8  |
| ≥ 8000            | 96.9                       | 99.1 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| ≥ 7000            | 97.4                       | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 6000            | 97.6                       | 99.7 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| ≥ 5000            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4500            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 4000            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3000            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 97.7                       | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1192

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

45-54,61-64,71-73

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 94.7                       | 95.5 | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5   | 95.5  | 95.5  |
| ≥ 20000           | 95.6                       | 96.4 | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4   | 96.4  | 96.4  |
| ≥ 18000           | 96.2                       | 97.0 | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0  | 97.0   | 97.0  | 97.0  |
| ≥ 16000           | 96.3                       | 97.1 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1   | 97.1  | 97.1  |
| ≥ 14000           | 97.6                       | 98.3 | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3   | 98.3  | 98.3  |
| ≥ 12000           | 98.6                       | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 10000           | 98.9                       | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 9000            | 98.9                       | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 8000            | 99.0                       | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 7000            | 99.0                       | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 6000            | 99.0                       | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 5000            | 99.0                       | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 4500            | 99.0                       | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 4000            | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3500            | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 3000            | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2500            | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 2000            | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500            | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 99.2                       | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1189

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ¾    | ¾    | ¾    | ¾    | ≥5/16 | ≥0   |
| NO CEILING        | 94.0                       | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3  | 94.3 |
| ≥ 20000           | 95.2                       | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5  | 95.5 |
| ≥ 18000           | 95.2                       | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5  | 95.5 |
| ≥ 16000           | 95.4                       | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7  | 95.7 |
| ≥ 14000           | 96.8                       | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1 |
| ≥ 12000           | 97.2                       | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5  | 97.5 |
| ≥ 10000           | 97.6                       | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9  | 97.9 |
| ≥ 9000            | 98.2                       | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 |
| ≥ 8000            | 98.3                       | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8 |
| ≥ 7000            | 98.5                       | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 |
| ≥ 6000            | 98.5                       | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 |
| ≥ 5000            | 98.5                       | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 |
| ≥ 4500            | 98.5                       | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 |
| ≥ 4000            | 98.5                       | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 |
| ≥ 3500            | 98.5                       | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0 |
| ≥ 3000            | 98.7                       | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2 |
| ≥ 2500            | 98.8                       | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 |
| ≥ 2000            | 98.8                       | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 |
| ≥ 1800            | 98.8                       | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 |
| ≥ 1500            | 98.8                       | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 |
| ≥ 1200            | 98.8                       | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 |
| ≥ 1000            | 98.8                       | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 |
| ≥ 900             | 98.8                       | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 |
| ≥ 800             | 98.8                       | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3 |
| ≥ 700             | 98.8                       | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 |
| ≥ 600             | 98.8                       | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 |
| ≥ 500             | 98.8                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 |
| ≥ 400             | 98.8                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 |
| ≥ 300             | 98.8                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 |
| ≥ 200             | 98.8                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 |
| ≥ 100             | 98.8                       | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 |
| ≥ 0               | 98.8                       | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 987



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

49-54,61-64,72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 93.1                       | 93.8 | 93.9 | 93.9 | 93.9 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9   | 93.9  | 93.9  |
| ≥ 20000           | 94.1                       | 94.8 | 94.9 | 94.9 | 94.9 | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  | 94.9  |
| ≥ 18000           | 94.2                       | 94.9 | 95.0 | 95.0 | 95.0 | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0  | 95.0   | 95.0  | 95.0  |
| ≥ 16000           | 94.4                       | 95.1 | 95.2 | 95.2 | 95.2 | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2   | 95.2  | 95.2  |
| ≥ 14000           | 96.0                       | 96.8 | 96.9 | 96.9 | 96.9 | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9   | 96.9  | 96.9  |
| ≥ 12000           | 96.7                       | 97.4 | 97.5 | 97.5 | 97.5 | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5   | 97.5  | 97.5  |
| ≥ 10000           | 96.9                       | 97.6 | 97.7 | 97.7 | 97.7 | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7   | 97.7  | 97.7  |
| ≥ 9000            | 97.3                       | 98.0 | 98.1 | 98.1 | 98.1 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1   | 98.1  | 98.1  |
| ≥ 8000            | 97.5                       | 98.2 | 98.3 | 98.3 | 98.3 | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3   | 98.3  | 98.3  |
| ≥ 7000            | 98.0                       | 98.7 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8  |
| ≥ 6000            | 98.0                       | 98.7 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8  |
| ≥ 5000            | 98.0                       | 98.7 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8  |
| ≥ 4500            | 98.0                       | 98.7 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8  |
| ≥ 4000            | 98.0                       | 98.7 | 98.8 | 98.8 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8  |
| ≥ 3500            | 98.2                       | 98.9 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| ≥ 3000            | 98.2                       | 98.9 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| ≥ 2500            | 98.2                       | 98.9 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 2000            | 98.2                       | 98.9 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 1800            | 98.2                       | 98.9 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 1500            | 98.2                       | 98.9 | 99.3 | 99.3 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 1200            | 98.2                       | 99.0 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| ≥ 1000            | 98.2                       | 99.0 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| ≥ 900             | 98.2                       | 99.0 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| ≥ 800             | 98.2                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 700             | 98.2                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 600             | 98.2                       | 99.3 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 500             | 98.2                       | 99.3 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 400             | 98.2                       | 99.3 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 300             | 98.2                       | 99.3 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 200             | 98.2                       | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 98.2                       | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 98.2                       | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 987

USAFETAC FORM JUN 71 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ¾     | ≥5/16 | ≥¼    |
| NO CEILING        | 91.7                       | 92.1 | 92.3 | 92.4 | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  |
| ≥ 20000           | 92.8                       | 93.2 | 93.4 | 93.5 | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  |
| ≥ 18000           | 93.1                       | 93.5 | 93.7 | 93.8 | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  |
| IV 16000          | 93.2                       | 93.6 | 93.8 | 93.9 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  |
| IV 14000          | 94.3                       | 94.9 | 95.1 | 95.2 | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  |
| IV 12000          | 95.4                       | 95.8 | 96.0 | 96.1 | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |
| IV 10000          | 96.6                       | 97.0 | 97.2 | 97.3 | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  |
| IV 9000           | 97.2                       | 97.7 | 97.9 | 98.0 | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  |
| IV 8000           | 97.5                       | 97.9 | 98.1 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  |
| IV 7000           | 97.8                       | 98.2 | 98.4 | 98.5 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| IV 6000           | 98.0                       | 98.4 | 98.6 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  |
| IV 5000           | 98.1                       | 98.5 | 98.7 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| IV 4500           | 98.1                       | 98.5 | 98.7 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| IV 4000           | 98.1                       | 98.5 | 98.7 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| IV 3500           | 98.1                       | 98.5 | 98.7 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| IV 3000           | 98.1                       | 98.7 | 98.9 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| IV 2500           | 98.3                       | 99.0 | 99.2 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 2000           | 98.3                       | 99.0 | 99.2 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 1800           | 98.3                       | 99.0 | 99.2 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 1500           | 98.3                       | 99.0 | 99.2 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 1200           | 98.4                       | 99.3 | 99.5 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| IV 1000           | 98.4                       | 99.4 | 99.6 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 900            | 98.4                       | 99.4 | 99.6 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 800            | 98.4                       | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 98.4                       | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 98.4                       | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 98.4                       | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 98.4                       | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 98.4                       | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 98.4                       | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 98.4                       | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 98.4                       | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 986

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

990-1100  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4    | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1    | ≥0.5  | ≥0.25 | ≥0.1  | ≥0.05 | ≥0.025 | ≥0.01 | ≥0    |
| NO CEILING        | 91.3                       | 92.5 | 92.5 | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5   | 92.5  | 92.5  |
| ≥ 20000           | 93.0                       | 94.1 | 94.1 | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1   | 94.1  | 94.1  |
| ≥ 18000           | 93.1                       | 94.2 | 94.2 | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2  | 94.2   | 94.2  | 94.2  |
| IV 16000          | 93.5                       | 94.6 | 94.6 | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6   | 94.6  | 94.6  |
| IV 14000          | 94.5                       | 95.6 | 95.6 | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6   | 95.6  | 95.6  |
| IV 12000          | 95.1                       | 96.2 | 96.2 | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2   | 96.2  | 96.2  |
| IV 10000          | 96.7                       | 97.9 | 97.9 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9   | 97.9  | 97.9  |
| IV 9000           | 96.9                       | 98.1 | 98.1 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1   | 98.1  | 98.1  |
| IV 8000           | 97.0                       | 98.2 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| IV 7000           | 97.0                       | 98.2 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| IV 6000           | 97.0                       | 98.3 | 98.3 | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3   | 98.3  | 98.3  |
| IV 5000           | 97.7                       | 99.0 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| IV 4500           | 97.7                       | 99.0 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| IV 4000           | 97.8                       | 99.1 | 99.1 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| IV 3500           | 97.8                       | 99.1 | 99.1 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| IV 3000           | 97.9                       | 99.2 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| IV 2500           | 97.9                       | 99.2 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| IV 2000           | 98.0                       | 99.3 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 1800           | 98.0                       | 99.3 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4   | 99.4  | 99.4  |
| IV 1500           | 98.2                       | 99.5 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| IV 1200           | 98.5                       | 99.8 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 1000           | 98.5                       | 99.8 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 900            | 98.5                       | 99.8 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 800            | 98.5                       | 99.8 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 700            | 98.5                       | 99.8 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 600            | 98.5                       | 99.8 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9  | 99.9  |
| IV 500            | 98.5                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 400            | 98.5                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 300            | 98.5                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 200            | 98.5                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 100            | 98.5                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| IV 0              | 98.5                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 981



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182 STATION PALMDALE APT CALIF

49-54, 61-64, 72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |       |      |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|-------|------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .9 | ≥ .8 | ≥ .75 | ≥ .7 | ≥ .6 | ≥ 0  |
| NO CEILING        | 88.9                       | 90.1 | 90.2 | 90.4 | 90.4 | 90.4  | 90.4 | 90.4  | 90.4  | 90.4 | 90.4 | 90.4 | 90.4  | 90.4 | 90.4 | 90.4 |
| ≥ 20000           | 90.9                       | 92.1 | 92.2 | 92.4 | 92.4 | 92.4  | 92.4 | 92.4  | 92.4  | 92.4 | 92.4 | 92.4 | 92.4  | 92.4 | 92.4 | 92.4 |
| ≥ 18000           | 91.0                       | 92.2 | 92.3 | 92.5 | 92.5 | 92.5  | 92.5 | 92.5  | 92.5  | 92.5 | 92.5 | 92.5 | 92.5  | 92.5 | 92.5 | 92.5 |
| ≥ 16000           | 91.3                       | 92.7 | 92.8 | 93.0 | 93.0 | 93.0  | 93.0 | 93.0  | 93.0  | 93.0 | 93.0 | 93.0 | 93.0  | 93.0 | 93.0 | 93.0 |
| ≥ 14000           | 92.8                       | 94.0 | 94.1 | 94.3 | 94.3 | 94.3  | 94.3 | 94.3  | 94.3  | 94.3 | 94.3 | 94.3 | 94.3  | 94.3 | 94.3 | 94.3 |
| ≥ 12000           | 94.3                       | 95.8 | 95.9 | 96.1 | 96.1 | 96.1  | 96.1 | 96.1  | 96.1  | 96.1 | 96.1 | 96.1 | 96.1  | 96.1 | 96.1 | 96.1 |
| ≥ 10000           | 95.8                       | 97.0 | 97.1 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3  | 97.3  | 97.3 | 97.3 | 97.3 | 97.3  | 97.3 | 97.3 | 97.3 |
| ≥ 9000            | 96.1                       | 97.3 | 97.4 | 97.6 | 97.6 | 97.6  | 97.6 | 97.6  | 97.6  | 97.6 | 97.6 | 97.6 | 97.6  | 97.6 | 97.6 | 97.6 |
| ≥ 8000            | 96.6                       | 97.8 | 97.9 | 98.1 | 98.1 | 98.1  | 98.1 | 98.1  | 98.1  | 98.1 | 98.1 | 98.1 | 98.1  | 98.1 | 98.1 | 98.1 |
| ≥ 7000            | 97.0                       | 98.2 | 98.3 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5  | 98.5  | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5 | 98.5 |
| ≥ 6000            | 97.3                       | 98.5 | 98.6 | 98.8 | 98.8 | 98.8  | 98.8 | 98.8  | 98.8  | 98.8 | 98.8 | 98.8 | 98.8  | 98.8 | 98.8 | 98.8 |
| ≥ 5000            | 97.8                       | 99.0 | 99.1 | 99.3 | 99.4 | 99.4  | 99.4 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 4500            | 97.8                       | 99.0 | 99.1 | 99.3 | 99.4 | 99.4  | 99.4 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 4000            | 97.8                       | 99.0 | 99.1 | 99.3 | 99.4 | 99.4  | 99.4 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 3500            | 97.8                       | 99.0 | 99.1 | 99.3 | 99.4 | 99.4  | 99.4 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 3000            | 97.8                       | 99.0 | 99.1 | 99.3 | 99.4 | 99.4  | 99.4 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 2500            | 97.8                       | 99.0 | 99.1 | 99.3 | 99.4 | 99.4  | 99.4 | 99.4  | 99.4  | 99.4 | 99.4 | 99.4 | 99.4  | 99.4 | 99.4 | 99.4 |
| ≥ 2000            | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 1800            | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 1500            | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 1200            | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 1000            | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 900             | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 800             | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 700             | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 600             | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 500             | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 400             | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 300             | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 200             | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 100             | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |
| ≥ 0               | 98.3                       | 99.5 | 99.6 | 99.8 | 99.9 | 99.9  | 99.9 | 99.9  | 99.9  | 99.9 | 99.9 | 99.9 | 99.9  | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 947



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23162  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3   | ≥ 2½  | ≥ 2   | ≥ 1½  | ≥ 1¼  | ≥ 1   | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 85.0                       | 89.7 | 90.1 | 90.2 | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2  | 90.2   | 90.2  | 90.2  |
| ≥ 20000           | 87.7                       | 92.4 | 92.8 | 92.9 | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9   | 92.9  | 92.9  |
| ≥ 2000            | 87.7                       | 92.4 | 92.8 | 92.9 | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9   | 92.9  | 92.9  |
| ≥ 14000           | 87.8                       | 92.5 | 92.9 | 93.0 | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0  | 93.0   | 93.0  | 93.0  |
| ≥ 14000           | 88.6                       | 93.3 | 93.7 | 93.8 | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8   | 93.8  | 93.8  |
| ≥ 12000           | 89.6                       | 94.3 | 94.7 | 94.8 | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8   | 94.8  | 94.8  |
| ≥ 10000           | 90.4                       | 95.1 | 95.5 | 95.6 | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6   | 95.6  | 95.6  |
| ≥ 9000            | 91.4                       | 96.2 | 96.6 | 96.7 | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7   | 96.7  | 96.7  |
| ≥ 8000            | 92.5                       | 97.3 | 97.7 | 97.8 | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8   | 97.8  | 97.8  |
| ≥ 7000            | 92.9                       | 97.7 | 98.1 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  |
| ≥ 6000            | 93.6                       | 98.4 | 98.8 | 98.9 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| ≥ 5000            | 93.9                       | 98.7 | 99.1 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 4500            | 93.9                       | 98.7 | 99.1 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 4000            | 93.9                       | 98.7 | 99.1 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 3500            | 93.9                       | 98.7 | 99.1 | 99.2 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3  |
| ≥ 3000            | 94.1                       | 98.9 | 99.3 | 99.4 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5  |
| ≥ 2500            | 94.3                       | 99.1 | 99.5 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7  |
| ≥ 2000            | 94.4                       | 99.2 | 99.6 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1800            | 94.4                       | 99.2 | 99.6 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1500            | 94.4                       | 99.2 | 99.6 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1200            | 94.4                       | 99.2 | 99.6 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 1000            | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 94.4                       | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 942

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ¾     | ≥5/16 | ≥0    |
| NO CEILING        | 91.2                       | 92.5 | 92.5 | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  |
| ≥ 20000           | 92.5                       | 93.9 | 93.9 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  |
| ≥ 18000           | 92.5                       | 93.9 | 93.9 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  |
| ≥ 16000           | 92.7                       | 94.1 | 94.1 | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  |
| ≥ 14000           | 93.5                       | 94.9 | 94.9 | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  | 94.9  |
| ≥ 12000           | 94.6                       | 96.1 | 96.1 | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  | 96.1  |
| ≥ 10000           | 95.2                       | 96.7 | 96.7 | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| ≥ 9000            | 95.8                       | 97.2 | 97.2 | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  |
| ≥ 8000            | 96.6                       | 98.0 | 98.0 | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  |
| ≥ 7000            | 96.7                       | 98.1 | 98.1 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  |
| ≥ 6000            | 96.8                       | 98.3 | 98.3 | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  |
| ≥ 5000            | 97.1                       | 98.7 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  |
| ≥ 4500            | 97.2                       | 98.8 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| ≥ 4000            | 97.2                       | 98.8 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| ≥ 3500            | 97.2                       | 98.8 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| ≥ 3000            | 97.4                       | 99.1 | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 2500            | 97.5                       | 99.3 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 2000            | 97.5                       | 99.3 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 1800            | 97.5                       | 99.3 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| ≥ 1500            | 97.6                       | 99.6 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 1200            | 97.6                       | 99.6 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 1000            | 97.6                       | 99.6 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 900             | 97.6                       | 99.6 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 800             | 97.6                       | 99.6 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| ≥ 700             | 97.8                       | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 97.8                       | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 97.8                       | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 97.8                       | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 97.8                       | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 97.8                       | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 97.8                       | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 97.8                       | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 949

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (EST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ¾    | ¾    | ¾    | ≥5/16 | ¾    | ≥0   |
| NO CEILING        | 94.8                       | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3  | 95.3 | 95.3 |
| ≥ 20000           | 95.7                       | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2  | 96.2 | 96.2 |
| ≥ 18000           | 95.7                       | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2  | 96.2 | 96.2 |
| ≥ 16000           | 95.7                       | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2  | 96.2 | 96.2 |
| ≥ 14000           | 96.6                       | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1 | 97.1 |
| ≥ 12000           | 97.7                       | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2  | 98.2 | 98.2 |
| ≥ 10000           | 98.1                       | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6  | 98.6 | 98.6 |
| ≥ 9000            | 98.4                       | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9  | 98.9 | 98.9 |
| ≥ 8000            | 98.6                       | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| ≥ 7000            | 98.6                       | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| ≥ 6000            | 98.6                       | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| ≥ 5000            | 98.6                       | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1 |
| ≥ 4500            | 98.7                       | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2 | 99.2 |
| ≥ 4000            | 98.7                       | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2 | 99.2 |
| ≥ 3500            | 98.8                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6 | 99.6 |
| ≥ 3000            | 98.8                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6 | 99.6 |
| ≥ 2500            | 98.8                       | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6 | 99.6 |
| ≥ 2000            | 98.9                       | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 1800            | 98.9                       | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 1500            | 98.9                       | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 1200            | 98.9                       | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 1000            | 98.9                       | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 900             | 98.9                       | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 800             | 98.9                       | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 700             | 98.9                       | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 600             | 98.9                       | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7 |
| ≥ 500             | 98.9                       | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 400             | 98.9                       | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 300             | 98.9                       | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 200             | 98.9                       | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 100             | 98.9                       | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |
| ≥ 0               | 98.9                       | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8  | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 991



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

CCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |       |       |       |       |       |       |       |       |       |       |        |        |         |       |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|---------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5   | ≥ 4   | ≥ 3   | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1.0 | ≥ 0.5 | ≥ 0.3 | ≥ 0.1 | ≥ 0.05 | ≥ 0.01 | ≥ 0.001 | ≥ 0   |
| NO CEILING        | 90.4                       | 91.4 | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1   | 92.1   | 92.1    | 92.1  |
| IV 20000          | 91.8                       | 92.9 | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5   | 93.5   | 93.5    | 93.5  |
| IV 18000          | 91.9                       | 93.0 | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6   | 93.6   | 93.6    | 93.6  |
| IV 16000          | 92.2                       | 93.2 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9   | 93.9   | 93.9    | 93.9  |
| IV 14000          | 93.7                       | 94.8 | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4   | 95.4   | 95.4    | 95.4  |
| IV 12000          | 94.0                       | 95.0 | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7   | 95.7   | 95.7    | 95.7  |
| IV 10000          | 94.6                       | 95.7 | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3   | 96.3   | 96.3    | 96.3  |
| IV 9000           | 94.8                       | 95.9 | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5   | 96.5   | 96.5    | 96.5  |
| IV 8000           | 95.4                       | 96.5 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1   | 97.1   | 97.1    | 97.1  |
| IV 7000           | 96.0                       | 97.1 | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7   | 97.7   | 97.7    | 97.7  |
| IV 6000           | 96.4                       | 97.5 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1   | 98.1   | 98.1    | 98.1  |
| IV 5000           | 96.7                       | 97.8 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5   | 98.5   | 98.5    | 98.5  |
| IV 4500           | 96.9                       | 98.1 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7   | 98.7   | 98.7    | 98.7  |
| IV 4000           | 97.1                       | 98.3 | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9  | 98.9   | 98.9   | 98.9    | 98.9  |
| IV 3500           | 97.4                       | 98.6 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2   | 99.2    | 99.2  |
| IV 3000           | 97.4                       | 98.6 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2   | 99.2    | 99.2  |
| IV 2500           | 97.7                       | 98.9 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5   | 99.5   | 99.5    | 99.5  |
| IV 2000           | 97.7                       | 99.3 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9   | 99.9   | 99.9    | 99.9  |
| IV 1800           | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 1500           | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 1200           | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 1000           | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 900            | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 800            | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 700            | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 600            | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 500            | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 400            | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 300            | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 200            | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 100            | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |
| IV 0              | 97.7                       | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0   | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1109

USAFETAC FORM 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

CCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1.4  | ≥1    | ≥.9   | ≥.8   | ≥.7   | ≥.6   | ≥.5   | ≥0    |
| NO CEILING        | 90.2                       | 91.6 | 91.7 | 91.7 | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  |
| ≥ 20000           | 91.8                       | 93.1 | 93.2 | 93.2 | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  | 93.2  |
| ≥ 18000           | 91.9                       | 93.2 | 93.3 | 93.3 | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  |
| IV 16000          | 92.2                       | 93.6 | 93.7 | 93.7 | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  |
| IV 14000          | 93.0                       | 94.5 | 94.6 | 94.6 | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  | 94.6  |
| IV 12000          | 94.0                       | 95.5 | 95.6 | 95.6 | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  | 95.6  |
| IV 10000          | 94.7                       | 96.1 | 96.2 | 96.2 | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  |
| IV 9000           | 95.0                       | 96.5 | 96.6 | 96.6 | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  |
| IV 8000           | 95.7                       | 97.1 | 97.2 | 97.2 | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  | 97.2  |
| IV 7000           | 96.0                       | 97.5 | 97.6 | 97.6 | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  | 97.6  |
| IV 6000           | 96.2                       | 97.7 | 97.8 | 97.8 | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  | 97.8  |
| IV 5000           | 96.7                       | 98.2 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  |
| IV 4500           | 96.7                       | 98.3 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  |
| IV 4000           | 96.7                       | 98.4 | 98.5 | 98.5 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| IV 3500           | 96.9                       | 98.6 | 98.6 | 98.6 | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  | 98.6  |
| IV 3000           | 97.1                       | 98.8 | 99.0 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| IV 2500           | 97.5                       | 99.4 | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 2000           | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800           | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500           | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200           | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 97.6                       | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1105

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

CCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |       |       |        |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2   | ≥ 1.5 | ≥ 1.25 | ≥ 1   | ≥ .75 | ≥ .5  | ≥ .25 | ≥ .16 | ≥ .1  | ≥ 0   |
| NO CEILING        | 86.8                       | 88.4 | 88.6 | 88.7 | 88.8 | 88.8  | 88.9  | 88.9  | 88.9   | 88.9  | 88.9  | 88.9  | 88.9  | 88.9  | 88.9  | 88.9  |
| ≥ 20000           | 88.9                       | 90.7 | 90.9 | 90.9 | 91.0 | 91.0  | 91.1  | 91.1  | 91.1   | 91.1  | 91.1  | 91.1  | 91.1  | 91.1  | 91.1  | 91.1  |
| ≥ 15000           | 89.1                       | 90.9 | 91.0 | 91.1 | 91.2 | 91.2  | 91.3  | 91.3  | 91.3   | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  |
| ≥ 10000           | 89.4                       | 91.1 | 91.3 | 91.4 | 91.5 | 91.5  | 91.6  | 91.6  | 91.6   | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  |
| ≥ 14000           | 90.9                       | 92.8 | 92.0 | 93.1 | 93.2 | 93.2  | 93.3  | 93.3  | 93.3   | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  | 93.3  |
| ≥ 12000           | 92.3                       | 94.2 | 94.3 | 94.6 | 94.7 | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  |
| ≥ 10000           | 92.8                       | 94.8 | 95.1 | 95.2 | 95.3 | 95.3  | 95.4  | 95.4  | 95.4   | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  |
| ≥ 9000            | 93.2                       | 95.2 | 95.3 | 95.6 | 95.7 | 95.7  | 95.7  | 95.7  | 95.7   | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  | 95.7  |
| ≥ 8000            | 93.9                       | 95.9 | 96.2 | 96.3 | 96.4 | 96.4  | 96.5  | 96.5  | 96.5   | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  |
| ≥ 7000            | 94.7                       | 96.7 | 97.0 | 97.1 | 97.2 | 97.2  | 97.3  | 97.3  | 97.3   | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  | 97.3  |
| ≥ 6000            | 95.7                       | 97.6 | 98.0 | 98.1 | 98.2 | 98.2  | 98.3  | 98.3  | 98.3   | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  | 98.3  |
| ≥ 5000            | 96.2                       | 98.2 | 98.6 | 98.6 | 98.7 | 98.7  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| ≥ 4500            | 96.2                       | 98.2 | 98.6 | 98.6 | 98.7 | 98.7  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| ≥ 4000            | 96.3                       | 98.3 | 98.8 | 99.0 | 99.1 | 99.1  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| ≥ 3500            | 96.3                       | 98.3 | 98.8 | 99.0 | 99.1 | 99.1  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| ≥ 3000            | 96.8                       | 98.8 | 99.2 | 99.4 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| ≥ 2500            | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000            | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800            | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500            | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 96.8                       | 99.0 | 99.4 | 99.6 | 99.9 | 99.9  | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1104

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182 STATION PALMDALE APT CALIF

49-54,61-64,71-72 YEARS

OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3    | ≥2.5  | ≥2    | ≥1.5  | ≥1.4  | ≥1    | ≥.9   | ≥.8   | ≥.7   | ≥.6   | ≥.5   | ≥0    |
| NO CEILING        | 86.1                       | 88.7 | 88.7 | 88.8 | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  | 89.1  |
| ≥ 20000           | 88.6                       | 91.2 | 91.2 | 91.3 | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  |
| ≥ 18000           | 89.2                       | 91.8 | 91.9 | 92.0 | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  |
| ≥ 16000           | 89.2                       | 91.9 | 92.0 | 92.1 | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  |
| ≥ 14000           | 90.0                       | 93.3 | 93.4 | 93.5 | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  | 93.8  |
| ≥ 12000           | 92.0                       | 94.9 | 95.0 | 95.1 | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  | 95.4  |
| ≥ 10000           | 92.8                       | 95.7 | 95.8 | 95.9 | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  |
| ≥ 9000            | 92.9                       | 95.8 | 95.9 | 96.0 | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  |
| ≥ 8000            | 93.1                       | 96.1 | 96.2 | 96.3 | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  |
| ≥ 7000            | 93.2                       | 96.4 | 96.5 | 96.6 | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  |
| ≥ 6000            | 94.0                       | 97.1 | 97.2 | 97.3 | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  | 97.5  |
| ≥ 5000            | 94.9                       | 98.0 | 98.1 | 98.2 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| ≥ 4500            | 95.2                       | 98.3 | 98.4 | 98.5 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  |
| ≥ 4000            | 95.4                       | 98.5 | 98.6 | 98.7 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| ≥ 3500            | 95.4                       | 98.6 | 98.7 | 98.8 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  |
| ≥ 3000            | 95.7                       | 98.9 | 99.0 | 99.1 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| ≥ 2500            | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000            | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800            | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500            | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200            | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000            | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900             | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800             | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700             | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600             | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500             | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400             | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300             | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200             | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100             | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0               | 96.1                       | 99.3 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1097



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

GCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ¾    | ¾    | ¾    | ¾    | ≥5/16 | ≥¼    |
| NO CEILING        | 81.5                       | 83.4 | 83.6 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1  | 84.2  |
| ≥ 20000           | 86.4                       | 88.6 | 88.8 | 89.0 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3  | 89.4  |
| ≥ 18000           | 86.7                       | 88.9 | 89.2 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8  | 89.9  |
| ≥ 16000           | 87.1                       | 89.3 | 89.5 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3  | 90.4  |
| ≥ 14000           | 88.3                       | 90.5 | 91.1 | 91.3 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6  | 91.7  |
| ≥ 12000           | 89.4                       | 92.3 | 92.7 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1  | 93.2  |
| ≥ 10000           | 90.5                       | 93.3 | 93.9 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3  | 94.4  |
| ≥ 9000            | 91.0                       | 94.0 | 94.3 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8  | 94.9  |
| ≥ 8000            | 91.9                       | 94.9 | 95.2 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7  | 95.8  |
| ≥ 7000            | 92.0                       | 95.0 | 95.3 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8  | 95.9  |
| ≥ 6000            | 92.3                       | 95.3 | 95.7 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2  | 96.3  |
| ≥ 5000            | 94.4                       | 97.4 | 97.9 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4  |
| ≥ 4500            | 94.5                       | 97.5 | 98.0 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4  | 98.5  |
| ≥ 4000            | 95.0                       | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.1  |
| ≥ 3500            | 95.0                       | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0  | 99.1  |
| ≥ 3000            | 95.4                       | 98.5 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5  |
| ≥ 2500            | 95.6                       | 98.7 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.7  |
| ≥ 2000            | 95.7                       | 98.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.8  |
| ≥ 1800            | 95.7                       | 98.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.8  |
| ≥ 1500            | 95.7                       | 98.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.8  |
| ≥ 1200            | 95.7                       | 98.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.8  |
| ≥ 1000            | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |
| ≥ 900             | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |
| ≥ 800             | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |
| ≥ 700             | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |
| ≥ 600             | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |
| ≥ 500             | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |
| ≥ 400             | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |
| ≥ 300             | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |
| ≥ 200             | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |
| ≥ 100             | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |
| ≥ 0               | 95.8                       | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9  | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1094

USAFETAC FORM JUN 71 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |       |      |       |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0   |
| NO CEILING        | 78.0                       | 82.5 | 83.8 | 84.1 | 84.2 | 84.2  | 84.2 | 84.2  | 84.2  | 84.2 | 84.3 | 84.3 | 84.4 | 84.4  | 84.4 | 84.5  |
| ≥ 20000           | 82.0                       | 86.5 | 88.2 | 88.6 | 88.7 | 88.7  | 88.7 | 88.7  | 88.7  | 88.7 | 88.8 | 88.8 | 88.8 | 88.8  | 88.8 | 88.9  |
| ≥ 18000           | 82.2                       | 87.0 | 88.5 | 88.8 | 88.9 | 88.9  | 88.9 | 88.9  | 88.9  | 88.9 | 89.0 | 89.0 | 89.1 | 89.1  | 89.1 | 89.2  |
| ≥ 16000           | 83.6                       | 88.4 | 89.8 | 90.2 | 90.4 | 90.4  | 90.4 | 90.4  | 90.4  | 90.4 | 90.5 | 90.5 | 90.6 | 90.6  | 90.6 | 90.7  |
| ≥ 14000           | 85.0                       | 89.9 | 91.4 | 91.7 | 91.9 | 91.9  | 91.9 | 91.9  | 91.9  | 91.9 | 92.0 | 92.0 | 92.1 | 92.1  | 92.1 | 92.2  |
| ≥ 12000           | 86.4                       | 91.4 | 92.8 | 93.2 | 93.4 | 93.4  | 93.4 | 93.4  | 93.4  | 93.4 | 93.5 | 93.5 | 93.6 | 93.6  | 93.6 | 93.7  |
| ≥ 10000           | 87.0                       | 92.1 | 93.6 | 93.9 | 94.1 | 94.1  | 94.1 | 94.1  | 94.1  | 94.1 | 94.2 | 94.2 | 94.3 | 94.3  | 94.3 | 94.5  |
| ≥ 9000            | 87.1                       | 92.3 | 93.7 | 94.1 | 94.3 | 94.3  | 94.3 | 94.3  | 94.3  | 94.3 | 94.4 | 94.4 | 94.5 | 94.5  | 94.5 | 94.7  |
| ≥ 8000            | 88.8                       | 94.1 | 95.6 | 95.9 | 96.1 | 96.1  | 96.1 | 96.1  | 96.1  | 96.1 | 96.2 | 96.2 | 96.3 | 96.3  | 96.3 | 96.5  |
| ≥ 7000            | 89.4                       | 94.7 | 96.1 | 96.5 | 96.6 | 96.6  | 96.6 | 96.6  | 96.6  | 96.6 | 96.7 | 96.7 | 96.8 | 96.8  | 96.8 | 97.0  |
| ≥ 6000            | 89.7                       | 94.9 | 96.4 | 96.7 | 96.9 | 96.9  | 96.9 | 96.9  | 96.9  | 96.9 | 97.0 | 97.0 | 97.1 | 97.1  | 97.1 | 97.3  |
| ≥ 5000            | 90.2                       | 95.6 | 97.1 | 97.5 | 97.6 | 97.6  | 97.6 | 97.6  | 97.6  | 97.6 | 97.7 | 97.7 | 97.8 | 97.8  | 97.8 | 98.0  |
| ≥ 4500            | 90.3                       | 95.7 | 97.2 | 97.6 | 97.7 | 97.7  | 97.7 | 97.7  | 97.7  | 97.7 | 97.8 | 97.8 | 97.9 | 97.9  | 97.9 | 98.1  |
| ≥ 4000            | 90.7                       | 96.3 | 97.7 | 98.2 | 98.4 | 98.4  | 98.4 | 98.4  | 98.4  | 98.4 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5 | 98.7  |
| ≥ 3500            | 91.1                       | 96.7 | 98.3 | 98.7 | 98.9 | 98.9  | 98.9 | 98.9  | 98.9  | 98.9 | 99.0 | 99.0 | 99.1 | 99.1  | 99.1 | 99.3  |
| ≥ 3000            | 91.3                       | 97.1 | 98.3 | 99.1 | 99.3 | 99.3  | 99.3 | 99.3  | 99.3  | 99.3 | 99.4 | 99.4 | 99.5 | 99.5  | 99.5 | 99.6  |
| ≥ 2500            | 91.7                       | 97.4 | 98.9 | 99.4 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5 | 99.6 | 99.6 | 99.7 | 99.7  | 99.7 | 99.9  |
| ≥ 2000            | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 1800            | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 1500            | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 1200            | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 1000            | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 900             | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 800             | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 700             | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 600             | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 500             | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 400             | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 300             | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 200             | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 100             | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |
| ≥ 0               | 91.8                       | 97.5 | 99.0 | 99.5 | 99.6 | 99.6  | 99.6 | 99.6  | 99.6  | 99.6 | 99.7 | 99.7 | 99.8 | 99.8  | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1103

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

22182 PALMDALE APT CALIF

49-54,61-64,71-72

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |       |       |       |        |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾   | ≥ ½   | ≥ ¼   | ≥ 5/16 | ≥ ¼   | ≥ 0   |
| NO CEILING        | 85.8                       | 87.8 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4  | 88.4  | 88.4  | 88.4   | 88.4  | 88.4  |
| ≥ 20000           | 88.2                       | 90.3 | 90.7 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9  | 90.9  | 90.9  | 90.9   | 90.9  | 90.9  |
| ≥ 18000           | 88.6                       | 90.7 | 91.0 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3  | 91.3  | 91.3  | 91.3   | 91.3  | 91.3  |
| ≥ 16000           | 89.2                       | 91.3 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9  | 91.9  | 91.9  | 91.9   | 91.9  | 91.9  |
| ≥ 14000           | 90.7                       | 92.8 | 93.2 | 93.2 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5  | 93.5  | 93.5  | 93.5   | 93.5  | 93.5  |
| ≥ 12000           | 91.8                       | 94.1 | 94.5 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7  |
| ≥ 10000           | 92.4                       | 94.8 | 95.2 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5  | 95.5  | 95.5  | 95.5   | 95.5  | 95.5  |
| ≥ 9000            | 92.7                       | 95.1 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8  | 95.8  | 95.8  | 95.8   | 95.8  | 95.8  |
| ≥ 8000            | 93.8                       | 96.2 | 96.7 | 96.7 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1  | 97.1  | 97.1  | 97.1   | 97.1  | 97.1  |
| ≥ 7000            | 93.9                       | 96.6 | 97.1 | 97.1 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5  | 97.5  | 97.5  | 97.5   | 97.5  | 97.5  |
| ≥ 6000            | 94.5                       | 97.1 | 97.6 | 97.6 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0  | 98.0  | 98.0  | 98.0   | 98.0  | 98.0  |
| ≥ 5000            | 95.0                       | 97.7 | 98.3 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  | 98.6  |
| ≥ 4500            | 95.3                       | 98.1 | 98.6 | 98.6 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| ≥ 4000            | 95.5                       | 98.4 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2  |
| ≥ 3500            | 95.7                       | 98.6 | 99.2 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5  |
| ≥ 3000            | 95.7                       | 98.6 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6  |
| ≥ 2500            | 95.9                       | 98.8 | 99.4 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8  |
| ≥ 2000            | 95.9                       | 98.8 | 99.4 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1800            | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1500            | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1200            | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 1000            | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 900             | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 800             | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 700             | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 600             | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 500             | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 400             | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 300             | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 200             | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 100             | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |
| ≥ 0               | 95.9                       | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1104



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-72  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOUR (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4    | ≥3    | ≥2½   | ≥2    | ≥1½   | ≥1¼   | ≥1    | ¾     | ¾     | ¾     | ≥5/16 | ¾     | ≥0    |
| NO CEILING        | 89.7                       | 92.0 | 92.1 | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  | 92.1  |
| ≥ 20000           | 91.2                       | 93.4 | 93.5 | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  | 93.5  |
| IV 18000          | 91.3                       | 93.6 | 93.7 | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  | 93.7  |
| IV 16000          | 91.6                       | 93.9 | 94.0 | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  | 94.0  |
| IV 14000          | 92.9                       | 95.1 | 95.2 | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  | 95.2  |
| IV 12000          | 93.4                       | 95.7 | 95.8 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  |
| IV 10000          | 93.8                       | 96.3 | 96.4 | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  |
| IV 9000           | 94.0                       | 96.5 | 96.6 | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  |
| IV 8000           | 94.7                       | 97.3 | 97.4 | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  | 97.4  |
| IV 7000           | 95.0                       | 97.7 | 97.7 | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  |
| IV 6000           | 95.7                       | 98.3 | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  |
| IV 5000           | 96.1                       | 98.7 | 98.8 | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  | 98.8  |
| IV 4500           | 96.2                       | 98.9 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| IV 4000           | 96.2                       | 99.2 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| IV 3500           | 96.2                       | 99.2 | 99.3 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 3000           | 96.5                       | 99.5 | 99.5 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| IV 2500           | 96.6                       | 99.5 | 99.6 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 2000           | 96.8                       | 99.7 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1800           | 96.8                       | 99.7 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1500           | 96.8                       | 99.7 | 99.8 | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  | 99.9  |
| IV 1200           | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000           | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900            | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800            | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700            | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600            | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500            | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 96.8                       | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1108



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 23182 PALMDALE APT CALIF STATION NAME

48-54,61-64,71-72 YEARS

NCV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5  | ≥1.4  | ≥1    | ≥.9   | ≥.8   | ≥.7   | ≥.6   | ≥.5   | ≥0    |
| NO CEILING        | 86.6                       | 87.6 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  | 88.2  |
| ≥ 20000           | 89.2                       | 90.1 | 90.6 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  |
| IV 18000          | 89.6                       | 90.6 | 91.0 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  | 91.3  |
| IV 16000          | 89.9                       | 90.9 | 91.2 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  | 91.7  |
| IV 14000          | 90.6                       | 91.6 | 92.0 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  |
| IV 12000          | 91.8                       | 92.8 | 93.2 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  | 93.6  |
| IV 10000          | 92.3                       | 93.7 | 94.2 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  | 94.7  |
| IV 9000           | 92.0                       | 94.2 | 94.6 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  |
| IV 8000           | 93.3                       | 94.3 | 94.9 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  |
| IV 7000           | 92.4                       | 94.6 | 95.0 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  |
| IV 6000           | 93.7                       | 94.9 | 95.4 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  | 95.9  |
| IV 5000           | 94.6                       | 95.8 | 96.2 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  | 96.7  |
| IV 4500           | 94.8                       | 96.1 | 96.6 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  | 97.1  |
| IV 4000           | 95.3                       | 96.7 | 97.1 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  |
| IV 3500           | 95.6                       | 97.0 | 97.4 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  |
| IV 3000           | 95.8                       | 97.3 | 97.8 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  |
| IV 2500           | 96.3                       | 97.9 | 98.4 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| IV 2000           | 96.6                       | 98.2 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| IV 1800           | 96.7                       | 98.3 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  |
| IV 1500           | 96.8                       | 98.5 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 1200           | 96.8                       | 98.5 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 1000           | 96.9                       | 98.5 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 900            | 96.9                       | 98.5 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 800            | 96.9                       | 98.5 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 700            | 96.9                       | 98.5 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 600            | 96.9                       | 98.5 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| IV 500            | 97.1                       | 98.7 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400            | 97.1                       | 98.7 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300            | 97.1                       | 98.7 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 97.1                       | 98.7 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 97.1                       | 98.7 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 97.1                       | 98.7 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1165

USAFETAC FORM JUN 71 0-14-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23192  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 5/16 | ≥ ¼  | ≥ 0  |
| NO CEILING        | 86.8                       | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8   | 87.8 | 87.8 |
| ≥ 20000           | 89.8                       | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0   | 91.0 | 91.0 |
| ≥ 18000           | 90.2                       | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3   | 91.3 | 91.3 |
| ≥ 16000           | 90.4                       | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7   | 91.7 | 91.7 |
| ≥ 14000           | 91.9                       | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2   | 93.2 | 93.2 |
| ≥ 12000           | 92.7                       | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0   | 94.0 | 94.0 |
| ≥ 10000           | 93.7                       | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1   | 95.1 | 95.1 |
| ≥ 9000            | 93.7                       | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1   | 95.1 | 95.1 |
| ≥ 8000            | 94.1                       | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5   | 95.5 | 95.5 |
| ≥ 7000            | 94.3                       | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7   | 95.7 | 95.7 |
| ≥ 6000            | 94.7                       | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1   | 96.1 | 96.1 |
| ≥ 5000            | 95.4                       | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9   | 96.9 | 96.9 |
| ≥ 4500            | 95.6                       | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2   | 97.2 | 97.2 |
| ≥ 4000            | 95.9                       | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5   | 97.5 | 97.5 |
| ≥ 3500            | 96.6                       | 97.8 | 97.9 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3   | 98.3 | 98.3 |
| ≥ 3000            | 96.9                       | 98.1 | 98.4 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7 | 98.7 |
| ≥ 2500            | 96.9                       | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0   | 99.0 | 99.0 |
| ≥ 2000            | 97.0                       | 98.6 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2   | 99.2 | 99.2 |
| ≥ 1800            | 97.2                       | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4 | 99.4 |
| ≥ 1500            | 97.2                       | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4 | 99.4 |
| ≥ 1200            | 97.2                       | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4 | 99.4 |
| ≥ 1000            | 97.2                       | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4 | 99.4 |
| ≥ 900             | 97.2                       | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4 | 99.4 |
| ≥ 800             | 97.2                       | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4 | 99.4 |
| ≥ 700             | 97.2                       | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4 | 99.4 |
| ≥ 600             | 97.2                       | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4 | 99.4 |
| ≥ 500             | 97.2                       | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 400             | 97.2                       | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 300             | 97.2                       | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 200             | 97.2                       | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 100             | 97.2                       | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 0               | 97.2                       | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 1151

USAFETAC

FORM  
JUN 71

0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

48-54,61-64,71-72

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 5-16 | ≥ 4   | ≥ 0   |
| NO CEILING        | 81.5                       | 82.0 | 82.0 | 82.1 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4   | 82.4  | 82.4  |
| IV 20000          | 87.6                       | 88.1 | 88.1 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4   | 88.4  | 88.4  |
| IV 18000          | 87.8                       | 88.3 | 88.3 | 88.4 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7   | 88.7  | 88.7  |
| IV 16000          | 88.6                       | 89.1 | 89.1 | 89.2 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5   | 89.5  | 89.5  |
| IV 14000          | 90.4                       | 90.9 | 90.9 | 91.0 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3   | 91.3  | 91.3  |
| IV 12000          | 91.9                       | 92.4 | 92.4 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7   | 92.7  | 92.7  |
| IV 10000          | 92.9                       | 93.4 | 93.4 | 93.5 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8   | 93.8  | 93.8  |
| IV 9000           | 93.0                       | 93.5 | 93.5 | 93.6 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9   | 93.9  | 93.9  |
| IV 8000           | 93.2                       | 93.7 | 93.7 | 93.8 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0   | 94.0  | 94.0  |
| IV 7000           | 93.3                       | 93.9 | 93.9 | 93.9 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2   | 94.2  | 94.2  |
| IV 6000           | 93.6                       | 94.3 | 94.3 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6   | 94.6  | 94.6  |
| IV 5000           | 94.6                       | 95.3 | 95.3 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7   | 95.7  | 95.7  |
| IV 4500           | 94.8                       | 95.6 | 95.6 | 95.7 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0   | 96.0  | 96.0  |
| IV 4000           | 95.0                       | 95.8 | 95.8 | 95.9 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2   | 96.2  | 96.2  |
| IV 3500           | 96.1                       | 97.0 | 97.0 | 97.1 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4   | 97.4  | 97.4  |
| IV 3000           | 96.3                       | 97.5 | 97.5 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9   | 97.9  | 97.9  |
| IV 2500           | 96.6                       | 97.8 | 97.9 | 98.0 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4   | 98.4  | 98.4  |
| IV 2000           | 97.1                       | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7  |
| IV 1800           | 97.1                       | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7  | 98.7  |
| IV 1500           | 97.2                       | 98.4 | 98.4 | 98.5 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0   | 99.0  | 99.0  |
| IV 1200           | 97.3                       | 98.4 | 98.4 | 98.5 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0   | 99.0  | 99.0  |
| IV 1000           | 97.4                       | 98.5 | 98.6 | 98.7 | 98.9 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4  | 99.4  |
| IV 900            | 97.4                       | 98.5 | 98.6 | 98.7 | 98.9 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4  | 99.4  |
| IV 800            | 97.4                       | 98.5 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6   | 99.6  | 99.6  |
| IV 700            | 97.4                       | 98.5 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6   | 99.6  | 99.6  |
| IV 600            | 97.4                       | 98.5 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7  | 99.7  |
| IV 500            | 97.4                       | 98.5 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7  | 99.7  |
| IV 400            | 97.4                       | 98.5 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7  | 99.7  |
| IV 300            | 97.4                       | 98.5 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.9  | 99.9  |
| IV 200            | 97.4                       | 98.5 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8   | 100.0 | 100.0 |
| IV 100            | 97.4                       | 98.5 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8   | 100.0 | 100.0 |
| IV 0              | 97.4                       | 98.5 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8   | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1157



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

STATION 23182 PALMDALE APT CALIF STATION NAME

48-54, 61-64, 71-72 YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 5/16 | ≥ ¼  | ≥ 0  |
| NO CEILING        | 78.2                       | 78.8 | 79.0 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4   | 79.4 | 79.4 |
| ≥ 20000           | 86.5                       | 87.1 | 87.4 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8   | 87.8 | 87.8 |
| ≥ 18000           | 86.5                       | 87.1 | 87.4 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8   | 87.8 | 87.8 |
| ≥ 16000           | 86.5                       | 87.1 | 87.4 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8   | 87.8 | 87.8 |
| ≥ 14000           | 89.1                       | 89.8 | 90.1 | 90.3 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5   | 90.5 | 90.5 |
| ≥ 12000           | 90.2                       | 90.8 | 91.1 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5   | 91.5 | 91.5 |
| ≥ 10000           | 90.8                       | 91.5 | 91.8 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2   | 92.2 | 92.2 |
| ≥ 9000            | 91.0                       | 91.7 | 92.0 | 92.2 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4   | 92.4 | 92.4 |
| ≥ 8000            | 91.9                       | 92.6 | 92.8 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3   | 93.3 | 93.3 |
| ≥ 7000            | 92.1                       | 92.8 | 93.1 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5   | 93.5 | 93.5 |
| ≥ 6000            | 92.7                       | 93.4 | 93.8 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2   | 94.2 | 94.2 |
| ≥ 5000            | 93.1                       | 93.9 | 94.3 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7   | 94.7 | 94.7 |
| ≥ 4500            | 93.4                       | 94.1 | 94.6 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0   | 95.0 | 95.0 |
| ≥ 4000            | 94.1                       | 95.0 | 95.4 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9   | 95.9 | 95.9 |
| ≥ 3500            | 94.8                       | 95.7 | 96.1 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5   | 96.5 | 96.5 |
| ≥ 3000            | 95.7                       | 96.6 | 97.1 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5   | 97.5 | 97.5 |
| ≥ 2500            | 95.9                       | 96.9 | 97.3 | 97.6 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2   | 98.2 | 98.2 |
| ≥ 2000            | 96.6                       | 97.6 | 98.0 | 98.3 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0   | 99.0 | 99.0 |
| ≥ 1800            | 96.6                       | 97.7 | 98.2 | 98.4 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1   | 99.1 | 99.1 |
| ≥ 1500            | 96.8                       | 97.8 | 98.4 | 98.7 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4 | 99.4 |
| ≥ 1200            | 96.8                       | 97.8 | 98.4 | 98.7 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4   | 99.4 | 99.4 |
| ≥ 1000            | 96.9                       | 97.9 | 98.6 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6   | 99.6 | 99.6 |
| ≥ 900             | 96.9                       | 97.9 | 98.6 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6   | 99.6 | 99.6 |
| ≥ 800             | 96.9                       | 97.9 | 98.6 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6   | 99.6 | 99.6 |
| ≥ 700             | 96.9                       | 97.9 | 98.6 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6   | 99.6 | 99.6 |
| ≥ 600             | 97.1                       | 98.1 | 98.8 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 500             | 97.1                       | 98.1 | 98.8 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 400             | 97.1                       | 98.1 | 98.8 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 300             | 97.1                       | 98.1 | 98.8 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 200             | 97.1                       | 98.1 | 98.8 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 100             | 97.1                       | 98.1 | 98.8 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |
| ≥ 0               | 97.1                       | 98.1 | 98.8 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7   | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 1159

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182 STATION PALMDALE APT CALIF

48-54, 61-64, 71-72 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.9  | ≥.8  | ≥.7  | ≥.6  | ≥.5  | ≥.4  |
| NO CEILING        | 73.5                       | 74.1 | 74.4 | 74.4 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 20000           | 53.3                       | 83.9 | 84.1 | 84.1 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 18000           | 83.7                       | 84.3 | 84.6 | 84.6 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 16000           | 85.1                       | 85.8 | 86.0 | 86.0 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 14000           | 87.2                       | 87.9 | 88.2 | 88.2 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 12000           | 87.8                       | 88.9 | 89.1 | 89.1 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 10000           | 88.4                       | 89.6 | 89.8 | 89.8 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 9000            | 88.5                       | 89.7 | 89.9 | 89.9 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 8000            | 89.4                       | 90.5 | 90.8 | 90.8 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 7000            | 90.2                       | 91.3 | 91.6 | 91.6 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 6000            | 91.0                       | 92.2 | 92.4 | 92.4 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 5000            | 92.4                       | 93.5 | 93.8 | 93.8 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 4500            | 92.6                       | 93.7 | 94.0 | 94.0 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 4000            | 93.4                       | 94.6 | 94.8 | 94.8 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3500            | 94.5                       | 95.8 | 96.0 | 96.0 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 3000            | 95.5                       | 96.8 | 97.1 | 97.2 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2500            | 96.0                       | 97.4 | 97.8 | 97.9 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 2000            | 96.5                       | 98.0 | 98.4 | 98.5 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1800            | 96.5                       | 98.0 | 98.4 | 98.5 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1500            | 96.6                       | 98.2 | 98.7 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200            | 96.6                       | 98.2 | 98.7 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000            | 96.6                       | 98.2 | 98.8 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900             | 96.8                       | 98.4 | 99.1 | 99.1 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800             | 96.8                       | 98.4 | 99.1 | 99.1 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700             | 96.8                       | 98.4 | 99.1 | 99.1 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600             | 96.8                       | 98.4 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500             | 96.9                       | 98.5 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400             | 96.9                       | 98.5 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300             | 96.9                       | 98.5 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200             | 96.9                       | 98.5 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100             | 96.9                       | 98.5 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0               | 96.9                       | 98.5 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 1160

USAFETAC FORM 10-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1  | ≥ .9 | ≥ .8 | ≥ .7 | ≥ .6 | ≥ .5 | ≥ 0  |
| NO CEILING        | 75.7                       | 76.8 | 77.2 | 77.5 | 77.5 | 77.5  | 77.5 | 77.7  | 77.7  | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 20000           | 82.6                       | 83.8 | 84.1 | 84.5 | 84.5 | 84.5  | 84.5 | 84.6  | 84.6  | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 18000           | 83.3                       | 84.5 | 84.8 | 85.2 | 85.2 | 85.2  | 85.2 | 85.3  | 85.3  | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 16000           | 84.2                       | 85.4 | 85.8 | 86.1 | 86.1 | 86.1  | 86.1 | 86.2  | 86.2  | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 14000           | 86.5                       | 87.8 | 88.1 | 88.5 | 88.5 | 88.5  | 88.5 | 88.6  | 88.6  | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 12000           | 87.3                       | 88.5 | 88.9 | 89.2 | 89.2 | 89.2  | 89.2 | 89.4  | 89.4  | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 10000           | 88.3                       | 89.6 | 89.9 | 90.3 | 90.3 | 90.3  | 90.3 | 90.5  | 90.5  | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 9000            | 88.7                       | 90.0 | 90.4 | 90.7 | 90.7 | 90.7  | 90.7 | 90.9  | 90.9  | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 8000            | 89.3                       | 90.9 | 91.2 | 91.6 | 91.6 | 91.6  | 91.6 | 91.8  | 91.8  | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 7000            | 90.2                       | 91.6 | 91.9 | 92.3 | 92.3 | 92.3  | 92.3 | 92.4  | 92.4  | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 6000            | 91.1                       | 92.6 | 93.0 | 93.3 | 93.3 | 93.3  | 93.3 | 93.5  | 93.5  | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 5000            | 91.3                       | 93.1 | 93.5 | 93.8 | 93.8 | 93.8  | 93.8 | 94.0  | 94.0  | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 4500            | 91.8                       | 93.5 | 93.8 | 94.2 | 94.2 | 94.2  | 94.2 | 94.4  | 94.4  | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 4000            | 92.4                       | 94.2 | 94.5 | 94.9 | 94.9 | 94.9  | 94.9 | 95.1  | 95.1  | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 3500            | 93.4                       | 95.2 | 95.6 | 95.9 | 95.9 | 95.9  | 95.9 | 96.1  | 96.1  | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 3000            | 94.5                       | 96.4 | 96.8 | 97.1 | 97.1 | 97.1  | 97.1 | 97.3  | 97.3  | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2500            | 94.9                       | 97.0 | 97.4 | 97.7 | 97.7 | 97.7  | 97.7 | 97.8  | 98.0  | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000            | 95.5                       | 97.6 | 98.0 | 98.4 | 98.5 | 98.5  | 98.5 | 98.6  | 98.8  | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800            | 95.6                       | 97.7 | 98.1 | 98.5 | 98.6 | 98.6  | 98.6 | 98.7  | 98.9  | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1500            | 96.1                       | 98.4 | 98.8 | 99.2 | 99.3 | 99.3  | 99.3 | 99.4  | 99.6  | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200            | 96.1                       | 98.4 | 98.8 | 99.2 | 99.3 | 99.3  | 99.3 | 99.4  | 99.6  | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1000            | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900             | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800             | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700             | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600             | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500             | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400             | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300             | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200             | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100             | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0               | 96.1                       | 98.4 | 98.9 | 99.3 | 99.4 | 99.4  | 99.4 | 99.5  | 99.7  | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 1152

USAFETAC FORM 71 JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

FALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |       |        |        |       |        |        |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|-------|--------|--------|-------|--------|--------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.0 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.01 | ≥ 0  |
| NO CEILING        | 84.4                       | 86.5 | 87.2 | 87.5 | 87.5 | 87.5  | 87.5 | 87.5  | 87.5  | 87.5  | 87.5   | 87.5   | 87.5  | 87.5   | 87.5   | 87.5 |
| ≥ 20000           | 87.8                       | 90.0 | 90.7 | 90.9 | 90.9 | 90.9  | 90.9 | 90.9  | 90.9  | 90.9  | 90.9   | 90.9   | 90.9  | 90.9   | 90.9   | 90.9 |
| ≥ 18000           | 88.2                       | 90.4 | 91.1 | 91.4 | 91.4 | 91.4  | 91.4 | 91.4  | 91.4  | 91.4  | 91.4   | 91.4   | 91.4  | 91.4   | 91.4   | 91.4 |
| ≥ 16000           | 88.4                       | 90.6 | 91.3 | 91.5 | 91.5 | 91.5  | 91.5 | 91.5  | 91.5  | 91.5  | 91.5   | 91.5   | 91.5  | 91.5   | 91.5   | 91.5 |
| ≥ 14000           | 89.2                       | 91.5 | 92.1 | 92.4 | 92.4 | 92.4  | 92.4 | 92.4  | 92.4  | 92.4  | 92.4   | 92.4   | 92.4  | 92.4   | 92.4   | 92.4 |
| ≥ 12000           | 89.7                       | 92.3 | 93.0 | 93.3 | 93.3 | 93.3  | 93.3 | 93.3  | 93.3  | 93.3  | 93.3   | 93.3   | 93.3  | 93.3   | 93.3   | 93.3 |
| ≥ 10000           | 90.5                       | 93.1 | 93.8 | 94.0 | 94.0 | 94.0  | 94.0 | 94.0  | 94.0  | 94.0  | 94.0   | 94.0   | 94.0  | 94.0   | 94.0   | 94.0 |
| ≥ 9000            | 90.9                       | 93.4 | 94.1 | 94.4 | 94.4 | 94.4  | 94.4 | 94.4  | 94.4  | 94.4  | 94.4   | 94.4   | 94.4  | 94.4   | 94.4   | 94.4 |
| ≥ 8000            | 91.5                       | 94.1 | 94.8 | 95.1 | 95.1 | 95.1  | 95.1 | 95.1  | 95.1  | 95.1  | 95.1   | 95.1   | 95.1  | 95.1   | 95.1   | 95.1 |
| ≥ 7000            | 92.2                       | 94.9 | 95.6 | 95.9 | 95.9 | 95.9  | 95.9 | 95.9  | 95.9  | 95.9  | 95.9   | 95.9   | 95.9  | 95.9   | 95.9   | 95.9 |
| ≥ 6000            | 92.4                       | 95.1 | 95.8 | 96.0 | 96.0 | 96.0  | 96.0 | 96.0  | 96.0  | 96.0  | 96.0   | 96.0   | 96.0  | 96.0   | 96.0   | 96.0 |
| ≥ 5000            | 93.4                       | 96.3 | 97.0 | 97.2 | 97.2 | 97.2  | 97.2 | 97.2  | 97.2  | 97.2  | 97.2   | 97.2   | 97.2  | 97.2   | 97.2   | 97.2 |
| ≥ 4500            | 93.5                       | 96.5 | 97.2 | 97.4 | 97.4 | 97.4  | 97.4 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4   | 97.4  | 97.4   | 97.4   | 97.4 |
| ≥ 4000            | 93.6                       | 96.6 | 97.3 | 97.6 | 97.6 | 97.6  | 97.6 | 97.6  | 97.6  | 97.6  | 97.6   | 97.6   | 97.6  | 97.6   | 97.6   | 97.6 |
| ≥ 3500            | 94.6                       | 97.6 | 98.3 | 98.5 | 98.5 | 98.5  | 98.5 | 98.5  | 98.5  | 98.5  | 98.5   | 98.5   | 98.5  | 98.5   | 98.5   | 98.5 |
| ≥ 3000            | 95.1                       | 98.2 | 98.9 | 99.1 | 99.1 | 99.1  | 99.1 | 99.1  | 99.1  | 99.1  | 99.1   | 99.1   | 99.1  | 99.1   | 99.1   | 99.1 |
| ≥ 2500            | 95.4                       | 98.5 | 99.2 | 99.5 | 99.5 | 99.5  | 99.5 | 99.5  | 99.5  | 99.5  | 99.5   | 99.5   | 99.5  | 99.5   | 99.5   | 99.5 |
| ≥ 2000            | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7   | 99.7   | 99.7  | 99.7   | 99.7   | 99.7 |
| ≥ 1800            | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7   | 99.7   | 99.7  | 99.7   | 99.7   | 99.7 |
| ≥ 1500            | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7   | 99.7   | 99.7  | 99.7   | 99.7   | 99.7 |
| ≥ 1200            | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7   | 99.7   | 99.7  | 99.7   | 99.7   | 99.7 |
| ≥ 1000            | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7   | 99.7   | 99.7  | 99.7   | 99.7   | 99.7 |
| ≥ 900             | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7   | 99.7   | 99.7  | 99.7   | 99.7   | 99.7 |
| ≥ 800             | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7   | 99.7   | 99.7  | 99.7   | 99.7   | 99.7 |
| ≥ 700             | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7   | 99.7   | 99.7  | 99.7   | 99.7   | 99.7 |
| ≥ 600             | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7   | 99.7   | 99.7  | 99.7   | 99.7   | 99.7 |
| ≥ 500             | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.8  | 99.8  | 99.8  | 99.8   | 99.8   | 99.8  | 99.8   | 99.8   | 99.8 |
| ≥ 400             | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.8  | 99.8  | 99.8  | 99.8   | 99.8   | 99.8  | 99.8   | 99.8   | 99.8 |
| ≥ 300             | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.9  | 99.9  | 99.9  | 99.9   | 99.9   | 99.9  | 99.9   | 99.9   | 99.9 |
| ≥ 200             | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.9  | 99.9  | 99.9  | 99.9   | 99.9   | 99.9  | 99.9   | 99.9   | 99.9 |
| ≥ 100             | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.9  | 99.9  | 99.9  | 99.9   | 99.9   | 99.9  | 99.9   | 99.9   | 99.9 |
| ≥ 0               | 95.7                       | 98.8 | 99.5 | 99.7 | 99.7 | 99.7  | 99.7 | 99.9  | 99.9  | 99.9  | 99.9   | 99.9   | 99.9  | 99.9   | 99.9   | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 1159

USAFETAC FORM JUN 71 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

22182 PALMDALE APT CALIF

48-54,61-64,71-72

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼   | ≥1    | ≥¾    | ≥½    | ≥¼    | ≥5-16 | ≥¼    | ≥0    |
| NO CEILING        | 85.8                       | 87.5 | 88.2 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  |
| ≥ 20000           | 89.2                       | 91.0 | 91.8 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  | 92.3  |
| IV 18000          | 89.3                       | 91.1 | 91.9 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  |
| IV 16000          | 89.5                       | 91.4 | 92.2 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  | 92.7  |
| IV 14000          | 90.6                       | 92.5 | 93.3 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  | 93.9  |
| IV 12000          | 91.8                       | 93.9 | 94.7 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  | 95.3  |
| IV 10000          | 92.1                       | 94.1 | 94.9 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  | 95.5  |
| IV 9000           | 92.3                       | 94.4 | 95.2 | 95.5 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  | 95.8  |
| IV 8000           | 92.9                       | 95.0 | 95.8 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  | 96.4  |
| IV 7000           | 93.4                       | 95.4 | 96.2 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  | 96.8  |
| IV 6000           | 93.4                       | 95.5 | 96.3 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  | 96.9  |
| IV 5000           | 94.2                       | 96.6 | 97.3 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  |
| IV 4500           | 94.3                       | 96.6 | 97.4 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  | 98.0  |
| IV 4000           | 94.8                       | 97.1 | 97.8 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| IV 3500           | 94.8                       | 97.2 | 97.9 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| IV 3000           | 95.8                       | 98.1 | 99.0 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  |
| IV 2500           | 95.9                       | 98.2 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 2000           | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 1800           | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 1500           | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 1200           | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 1000           | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 900            | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 800            | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 700            | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 600            | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 500            | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 400            | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  |
| IV 300            | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200            | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100            | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0              | 96.0                       | 98.3 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1162

USAFETAC FORM JUN 71 0-14-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 STATION PALMDALE APT CALIF

48-54,61-64,71-72 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CC00-0200  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |      |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2½  | ≥2   | ≥1½  | ≥1¼  | ≥1   | ≥¾   | ≥½   | ≥¼   | ≥5/16 | ≥¼   | ≥0    |
| NO CEILING        | 83.2                       | 84.5 | 84.5 | 84.7 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1  | 85.1 | 85.4  |
| ≥ 20000           | 87.1                       | 88.5 | 88.5 | 88.7 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1  | 89.1 | 89.4  |
| ≥ 18000           | 87.2                       | 88.6 | 88.6 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2  | 89.2 | 89.5  |
| ≥ 16000           | 87.2                       | 88.6 | 88.6 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2  | 89.2 | 89.5  |
| ≥ 14000           | 87.7                       | 89.1 | 89.1 | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7  | 89.7 | 90.0  |
| ≥ 12000           | 88.2                       | 89.6 | 89.6 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2  | 90.2 | 90.5  |
| IV 10000          | 89.0                       | 90.5 | 90.6 | 90.8 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2  | 91.2 | 91.5  |
| IV 9000           | 89.2                       | 90.7 | 90.8 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5  | 91.5 | 91.7  |
| IV 8000           | 89.8                       | 91.8 | 91.8 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3  | 92.3 | 92.6  |
| IV 7000           | 90.1                       | 91.8 | 91.9 | 92.1 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6  | 92.6 | 92.8  |
| IV 6000           | 90.4                       | 92.1 | 92.2 | 92.5 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9  | 92.9 | 93.1  |
| IV 5000           | 91.4                       | 93.4 | 93.5 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3  | 94.3 | 94.6  |
| IV 4500           | 91.7                       | 93.7 | 93.8 | 94.2 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7  | 94.7 | 94.9  |
| IV 4000           | 92.3                       | 94.4 | 94.5 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3  | 95.3 | 95.6  |
| IV 3500           | 92.4                       | 94.6 | 94.7 | 95.1 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5  | 95.5 | 95.7  |
| IV 3000           | 92.9                       | 95.1 | 95.2 | 95.6 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1  | 96.1 | 96.3  |
| IV 2500           | 93.1                       | 95.9 | 96.0 | 96.4 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9  | 96.9 | 97.2  |
| IV 2000           | 93.3                       | 96.6 | 96.7 | 97.3 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2  | 98.2 | 98.4  |
| IV 1800           | 93.5                       | 96.8 | 97.0 | 97.7 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5  | 98.5 | 98.7  |
| IV 1500           | 93.7                       | 97.1 | 97.2 | 97.9 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7 | 99.0  |
| IV 1200           | 93.7                       | 97.2 | 97.3 | 98.0 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0  | 99.0 | 99.2  |
| IV 1000           | 93.8                       | 97.2 | 97.4 | 98.1 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1  | 99.1 | 99.4  |
| IV 900            | 93.9                       | 97.3 | 97.5 | 98.2 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2  | 99.2 | 99.5  |
| IV 800            | 94.0                       | 97.4 | 97.6 | 98.2 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3  | 99.3 | 99.7  |
| IV 700            | 94.0                       | 97.4 | 97.6 | 98.2 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3  | 99.3 | 99.7  |
| IV 600            | 94.0                       | 97.4 | 97.6 | 98.2 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3  | 99.3 | 99.7  |
| IV 500            | 94.0                       | 97.4 | 97.6 | 98.3 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5  | 99.5 | 99.8  |
| IV 400            | 94.0                       | 97.4 | 97.6 | 98.3 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5  | 99.5 | 99.8  |
| IV 300            | 94.0                       | 97.4 | 97.6 | 98.3 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5  | 99.5 | 99.8  |
| IV 200            | 94.0                       | 97.4 | 97.6 | 98.3 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6  | 99.6 | 100.0 |
| IV 100            | 94.0                       | 97.4 | 97.6 | 98.3 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6  | 99.6 | 100.0 |
| IV 0              | 94.0                       | 97.4 | 97.6 | 98.3 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6  | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1197

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

48-54,61-64,71-72

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.9  | ≥.8  | ≥.75 | ≥.7  | ≥.6  | ≥0    |
| NO CEILING        | 81.5                       | 82.7 | 83.0 | 83.2 | 83.4 | 83.4 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9  |
| ≥ 20000           | 86.4                       | 87.5 | 87.9 | 88.0 | 88.2 | 88.2 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7  |
| ≥ 18000           | 86.6                       | 87.8 | 88.1 | 88.3 | 88.5 | 88.5 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0  |
| ≥ 16000           | 86.6                       | 87.8 | 88.1 | 88.3 | 88.5 | 88.5 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0  |
| ≥ 14000           | 87.0                       | 88.2 | 88.5 | 88.7 | 88.9 | 88.9 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4  |
| ≥ 12000           | 88.1                       | 89.3 | 89.6 | 89.8 | 90.0 | 90.0 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5  |
| ≥ 10000           | 88.6                       | 89.9 | 90.2 | 90.4 | 90.6 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1  |
| ≥ 9000            | 88.8                       | 90.1 | 90.4 | 90.6 | 90.7 | 90.7 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2  |
| ≥ 8000            | 89.4                       | 91.0 | 91.3 | 91.5 | 91.6 | 91.6 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1  |
| ≥ 7000            | 90.0                       | 91.6 | 92.0 | 92.1 | 92.3 | 92.3 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8  |
| ≥ 6000            | 90.6                       | 92.3 | 92.6 | 92.8 | 93.0 | 93.0 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5  |
| ≥ 5000            | 91.3                       | 93.2 | 93.6 | 93.9 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6  |
| ≥ 4500            | 91.8                       | 93.7 | 94.1 | 94.4 | 94.6 | 94.6 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1  |
| ≥ 4000            | 92.3                       | 94.3 | 94.8 | 95.1 | 95.2 | 95.2 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7  |
| ≥ 3500            | 92.6                       | 94.7 | 95.2 | 95.5 | 95.7 | 95.7 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2  |
| ≥ 3000            | 93.2                       | 95.4 | 95.9 | 96.2 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8  |
| ≥ 2500            | 93.6                       | 96.3 | 96.8 | 97.1 | 97.2 | 97.2 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7  |
| ≥ 2000            | 94.1                       | 97.0 | 97.6 | 97.8 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6  |
| ≥ 1800            | 94.1                       | 97.1 | 97.7 | 98.0 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  |
| ≥ 1500            | 94.6                       | 97.5 | 98.2 | 98.4 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2  |
| ≥ 1200            | 94.6                       | 97.7 | 98.3 | 98.7 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5  |
| ≥ 1000            | 94.6                       | 97.7 | 98.3 | 98.7 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5  |
| ≥ 900             | 94.7                       | 97.7 | 98.4 | 98.7 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6  |
| ≥ 800             | 94.7                       | 97.7 | 98.4 | 98.7 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6  |
| ≥ 700             | 94.7                       | 97.7 | 98.4 | 98.7 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7  |
| ≥ 600             | 94.7                       | 97.8 | 98.5 | 98.8 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8  |
| ≥ 500             | 94.7                       | 97.8 | 98.5 | 98.8 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  |
| ≥ 400             | 94.7                       | 97.8 | 98.5 | 98.8 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9  |
| ≥ 300             | 94.7                       | 97.8 | 98.5 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200             | 94.7                       | 97.8 | 98.5 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100             | 94.7                       | 97.8 | 98.5 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0               | 94.7                       | 97.8 | 98.5 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1196

USAFETAC, FORM JUN 71 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

48-54, 61-64, 71-72

CEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |        |      |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2½ | ≥ 2  | ≥ 1½ | ≥ 1¼ | ≥ 1  | ≥ ¾  | ≥ ½  | ≥ ¼  | ≥ 5-16 | ≥ 4  | ≥ 0   |
| NO CEILING        | 75.5                       | 76.0 | 76.0 | 76.1 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4   | 76.5 | 76.6  |
| ≥ 20000           | 82.5                       | 83.1 | 83.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5   | 83.6 | 83.7  |
| ≥ 18000           | 82.9                       | 83.5 | 83.5 | 83.6 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9   | 84.0 | 84.2  |
| ≥ 16000           | 83.5                       | 84.1 | 84.1 | 84.2 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5   | 84.6 | 84.7  |
| ≥ 14000           | 85.7                       | 86.3 | 86.3 | 86.4 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7   | 86.8 | 87.0  |
| ≥ 12000           | 87.9                       | 88.5 | 88.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9   | 89.0 | 89.2  |
| ≥ 10000           | 89.1                       | 89.7 | 89.7 | 89.7 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1   | 90.2 | 90.3  |
| ≥ 9000            | 89.3                       | 90.0 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4   | 90.5 | 90.7  |
| ≥ 8000            | 90.2                       | 91.2 | 91.2 | 91.2 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6   | 91.7 | 91.8  |
| ≥ 7000            | 90.7                       | 91.7 | 91.7 | 91.8 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2   | 92.2 | 92.4  |
| ≥ 6000            | 91.3                       | 92.6 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1   | 93.2 | 93.3  |
| ≥ 5000            | 92.2                       | 93.7 | 93.7 | 93.8 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2   | 94.3 | 94.5  |
| ≥ 4500            | 92.3                       | 93.9 | 93.9 | 94.0 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5   | 94.6 | 94.7  |
| ≥ 4000            | 92.7                       | 94.3 | 94.4 | 94.5 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0   | 95.1 | 95.2  |
| ≥ 3500            | 92.8                       | 94.4 | 94.5 | 94.7 | 94.9 | 94.9 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2   | 95.3 | 95.5  |
| ≥ 3000            | 93.4                       | 95.0 | 95.1 | 95.3 | 95.6 | 95.6 | 95.8 | 95.9 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1   | 96.2 | 96.3  |
| ≥ 2500            | 94.6                       | 96.5 | 96.7 | 96.9 | 97.2 | 97.2 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7   | 97.8 | 98.0  |
| ≥ 2000            | 94.6                       | 96.7 | 96.8 | 97.1 | 97.4 | 97.4 | 97.9 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2   | 98.2 | 98.4  |
| ≥ 1800            | 94.6                       | 96.7 | 96.9 | 97.2 | 97.5 | 97.5 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2   | 98.3 | 98.5  |
| ≥ 1500            | 94.8                       | 97.0 | 97.2 | 97.4 | 97.7 | 97.8 | 98.2 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6   | 98.7 | 98.8  |
| ≥ 1200            | 94.8                       | 97.0 | 97.2 | 97.5 | 97.8 | 97.9 | 98.4 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7   | 98.7 | 98.9  |
| ≥ 1000            | 94.8                       | 97.1 | 97.3 | 97.6 | 97.9 | 98.0 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8   | 98.9 | 99.1  |
| ≥ 900             | 94.8                       | 97.1 | 97.3 | 97.6 | 97.9 | 98.0 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8   | 98.9 | 99.1  |
| ≥ 800             | 94.9                       | 97.2 | 97.4 | 97.7 | 98.0 | 98.1 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0   | 99.1 | 99.2  |
| ≥ 700             | 94.9                       | 97.2 | 97.4 | 97.7 | 98.0 | 98.1 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0   | 99.1 | 99.2  |
| ≥ 600             | 94.9                       | 97.2 | 97.4 | 97.7 | 98.0 | 98.1 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0   | 99.2 | 99.4  |
| ≥ 500             | 94.9                       | 97.2 | 97.4 | 97.7 | 98.0 | 98.1 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2   | 99.4 | 99.6  |
| ≥ 400             | 94.9                       | 97.2 | 97.4 | 97.7 | 98.0 | 98.1 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2   | 99.4 | 99.6  |
| ≥ 300             | 94.9                       | 97.2 | 97.4 | 97.7 | 98.0 | 98.1 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2   | 99.4 | 99.6  |
| ≥ 200             | 94.9                       | 97.2 | 97.4 | 97.7 | 98.0 | 98.1 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2   | 99.4 | 99.6  |
| ≥ 100             | 94.9                       | 97.2 | 97.4 | 97.7 | 98.0 | 98.1 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2   | 99.4 | 99.6  |
| ≥ 0               | 94.9                       | 97.2 | 97.4 | 97.7 | 98.0 | 98.1 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2   | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1129

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 STATION PALMDALE APT CALIF

48-54,61-64,71-72 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.9  | ≥.8  | ≥.7  | ≥.6  | ≥.5  | ≥.4   |
| NO CEILING        | 72.1                       | 73.2 | 73.5 | 73.6 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0  |
| ≥ 20000           | 80.7                       | 82.1 | 82.3 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8  |
| ≥ 18000           | 81.2                       | 82.6 | 82.8 | 83.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3  |
| ≥ 16000           | 81.9                       | 83.2 | 83.4 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9  |
| ≥ 14000           | 83.7                       | 85.0 | 85.2 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7  |
| ≥ 12000           | 85.8                       | 87.2 | 87.5 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0  |
| ≥ 10000           | 87.1                       | 88.5 | 88.7 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2  |
| ≥ 9000            | 87.7                       | 89.2 | 89.4 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9  |
| ≥ 8000            | 88.3                       | 90.0 | 90.2 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7  |
| ≥ 7000            | 89.1                       | 90.7 | 91.0 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5  |
| ≥ 6000            | 90.5                       | 92.2 | 92.5 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0  |
| ≥ 5000            | 92.1                       | 94.0 | 94.4 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9  |
| ≥ 4500            | 92.1                       | 94.0 | 94.4 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1  |
| ≥ 4000            | 92.3                       | 94.2 | 94.7 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4  |
| ≥ 3500            | 92.6                       | 94.6 | 95.0 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7  |
| ≥ 3000            | 93.0                       | 95.2 | 95.7 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6  |
| ≥ 2500            | 93.6                       | 96.0 | 96.6 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5  |
| ≥ 2000            | 94.0                       | 96.5 | 97.1 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2  |
| ≥ 1800            | 94.0                       | 96.5 | 97.1 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2  |
| ≥ 1500            | 94.2                       | 96.8 | 97.4 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  |
| ≥ 1200            | 94.2                       | 96.9 | 97.5 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9  |
| ≥ 1000            | 94.5                       | 97.2 | 97.7 | 98.2 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  |
| ≥ 900             | 94.5                       | 97.2 | 97.7 | 98.2 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3  |
| ≥ 800             | 94.5                       | 97.2 | 97.8 | 98.3 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4  |
| ≥ 700             | 94.5                       | 97.3 | 97.9 | 98.4 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5  |
| ≥ 600             | 94.5                       | 97.3 | 97.9 | 98.4 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6  |
| ≥ 500             | 94.5                       | 97.3 | 97.9 | 98.4 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8  |
| ≥ 400             | 94.5                       | 97.3 | 97.9 | 98.4 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 99.9  |
| ≥ 300             | 94.5                       | 97.3 | 97.9 | 98.4 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 99.9  |
| ≥ 200             | 94.5                       | 97.3 | 97.9 | 98.4 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 99.9  |
| ≥ 100             | 94.5                       | 97.3 | 97.9 | 98.4 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 99.9  |
| ≥ 0               | 94.5                       | 97.3 | 97.9 | 98.4 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1199

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

48-54,61-64,71-72

JEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.9  | ≥.8  | ≥.7  | ≥.6  | ≥.5  | ≥0   |
| NO CEILING        | 71.1                       | 71.8 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.5 | 72.5 |
| ≥ 20000           | 80.2                       | 81.1 | 81.3 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.8 | 81.8 | 81.9 | 81.9 |
| ≥ 18000           | 81.1                       | 81.8 | 82.1 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.5 | 82.5 | 82.6 | 82.6 |
| ≥ 16000           | 81.9                       | 82.7 | 82.9 | 82.9 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.5 | 83.5 |
| ≥ 14000           | 83.1                       | 83.8 | 84.1 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.6 | 84.6 | 84.7 | 84.7 |
| ≥ 12000           | 85.2                       | 86.2 | 86.5 | 86.5 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 87.1 | 87.1 | 87.2 | 87.2 |
| ≥ 10000           | 86.3                       | 87.3 | 87.7 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 9000            | 87.1                       | 88.1 | 88.4 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 | 89.1 | 89.1 |
| ≥ 8000            | 87.6                       | 88.6 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 7000            | 88.6                       | 89.8 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.7 | 90.7 | 90.8 | 90.8 |
| ≥ 6000            | 89.3                       | 90.4 | 90.8 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 |
| ≥ 5000            | 90.5                       | 91.8 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 4500            | 90.9                       | 92.3 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.3 | 93.3 |
| ≥ 4000            | 91.7                       | 93.1 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.8 | 93.8 | 93.8 | 94.1 | 94.1 | 94.2 | 94.2 |
| ≥ 3500            | 92.0                       | 93.6 | 94.0 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 3000            | 93.1                       | 95.3 | 95.7 | 95.8 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.8 | 96.8 |
| ≥ 2500            | 94.0                       | 96.3 | 96.7 | 96.8 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 | 97.8 | 97.8 |
| ≥ 2000            | 94.4                       | 96.8 | 97.2 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 |
| ≥ 1800            | 94.4                       | 96.8 | 97.3 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 |
| ≥ 1500            | 94.8                       | 97.2 | 97.7 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1200            | 95.0                       | 97.4 | 97.9 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 1000            | 95.2                       | 97.6 | 98.1 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 900             | 95.2                       | 97.6 | 98.1 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 800             | 95.3                       | 97.7 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 700             | 95.3                       | 97.7 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 600             | 95.3                       | 97.7 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 500             | 95.3                       | 97.7 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 400             | 95.3                       | 97.7 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 300             | 95.3                       | 97.7 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 200             | 95.3                       | 97.7 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 100             | 95.3                       | 97.7 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 0               | 95.3                       | 97.7 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 1200

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |       |       |      |       |        |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1   | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0   |
| NO CEILING        | 72.0                       | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.4 | 73.5  | 73.5  | 73.5 | 73.5  | 73.5   | 73.5 |
| ≥ 20000           | 79.8                       | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.3 | 81.4  | 81.4  | 81.4 | 81.4  | 81.4   | 81.4 |
| ≥ 18000           | 80.6                       | 81.6 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.1  | 82.1  | 82.1 | 82.1  | 82.1   | 82.1 |
| ≥ 16000           | 81.1                       | 82.1 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 | 82.6  | 82.6  | 82.6 | 82.6  | 82.6   | 82.6 |
| ≥ 14000           | 82.4                       | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9  | 83.9  | 83.9 | 83.9  | 83.9   | 83.9 |
| ≥ 12000           | 83.9                       | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.3 | 85.4  | 85.4  | 85.4 | 85.4  | 85.4   | 85.4 |
| ≥ 10000           | 84.6                       | 85.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.2 | 86.3  | 86.3  | 86.3 | 86.3  | 86.3   | 86.3 |
| ≥ 9000            | 85.2                       | 86.3 | 86.5 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 | 86.9  | 86.9  | 86.9 | 86.9  | 86.9   | 86.9 |
| ≥ 8000            | 86.3                       | 87.4 | 87.6 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.9 | 88.0  | 88.0  | 88.0 | 88.0  | 88.0   | 88.0 |
| ≥ 7000            | 87.6                       | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.2 | 89.3  | 89.3  | 89.3 | 89.3  | 89.3   | 89.3 |
| ≥ 6000            | 88.9                       | 90.0 | 90.2 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.5 | 90.6  | 90.6  | 90.6 | 90.6  | 90.6   | 90.6 |
| ≥ 5000            | 89.9                       | 91.4 | 91.6 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.9 | 92.0  | 92.0  | 92.0 | 92.0  | 92.0   | 92.0 |
| ≥ 4500            | 90.1                       | 91.7 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.3  | 92.3  | 92.3 | 92.3  | 92.3   | 92.3 |
| ≥ 4000            | 91.5                       | 93.2 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.8  | 93.8  | 93.8 | 93.8  | 93.8   | 93.8 |
| ≥ 3500            | 92.1                       | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6  | 94.6  | 94.6 | 94.6  | 94.6   | 94.6 |
| ≥ 3000            | 93.4                       | 95.7 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.4  | 96.4  | 96.4 | 96.4  | 96.4   | 96.4 |
| ≥ 2500            | 94.4                       | 96.7 | 96.9 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.4  | 97.4  | 97.4 | 97.4  | 97.4   | 97.4 |
| ≥ 2000            | 95.0                       | 97.5 | 97.8 | 97.8 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5  | 98.5  | 98.5 | 98.5  | 98.5   | 98.5 |
| ≥ 1800            | 95.0                       | 97.5 | 97.8 | 97.8 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5  | 98.5  | 98.5 | 98.5  | 98.5   | 98.5 |
| ≥ 1500            | 95.2                       | 97.8 | 98.2 | 98.2 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0  | 99.0  | 99.0 | 99.0  | 99.0   | 99.0 |
| ≥ 1200            | 95.3                       | 98.1 | 98.4 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2  | 99.2  | 99.2 | 99.2  | 99.2   | 99.2 |
| ≥ 1000            | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.6  | 99.6  | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 900             | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.6  | 99.6  | 99.6 | 99.6  | 99.6   | 99.6 |
| ≥ 800             | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| ≥ 700             | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| ≥ 600             | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| ≥ 500             | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| ≥ 400             | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| ≥ 300             | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| ≥ 200             | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| ≥ 100             | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |
| ≥ 0               | 95.3                       | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7  | 99.7  | 99.7 | 99.7  | 99.7   | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 1194

USAFETAC FORM JUN 71 0-143 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23182 PALMDALE APT CALIF

48-54,01-64,71-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                   | ≥10                        | ≥6   | ≥5   | ≥4   | ≥3   | ≥2.5 | ≥2   | ≥1.5 | ≥1.4 | ≥1   | ≥.5  | ≥.4  | ≥.3  | ≥.25 | ≥.2  | ≥.1  |
| NO CEILING        | 78.4                       | 79.9 | 80.0 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 20000           | 83.5                       | 85.0 | 85.2 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 18000           | 84.0                       | 85.5 | 85.6 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 16000           | 84.2                       | 85.7 | 85.9 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 14000           | 85.9                       | 87.4 | 87.6 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 12000           | 86.4                       | 87.9 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 10000           | 86.7                       | 88.2 | 88.4 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 9000            | 87.0                       | 88.5 | 88.6 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 8000            | 87.5                       | 89.1 | 89.2 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 7000            | 88.1                       | 89.6 | 89.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 6000            | 89.0                       | 90.6 | 90.7 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 5000            | 90.6                       | 92.5 | 92.6 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 4500            | 90.9                       | 92.8 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 4000            | 92.3                       | 94.4 | 94.6 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 3500            | 93.3                       | 95.7 | 95.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 3000            | 93.9                       | 96.6 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2500            | 94.0                       | 97.2 | 97.4 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2000            | 94.7                       | 97.5 | 97.7 | 98.1 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1800            | 94.7                       | 97.5 | 97.7 | 98.1 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500            | 94.7                       | 97.5 | 97.7 | 98.1 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200            | 94.7                       | 97.6 | 98.1 | 98.5 | 98.7 | 98.7 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000            | 94.8                       | 97.7 | 98.2 | 98.7 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900             | 94.9                       | 97.8 | 98.3 | 98.7 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800             | 94.9                       | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700             | 94.9                       | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600             | 94.9                       | 98.0 | 98.5 | 98.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500             | 94.9                       | 98.0 | 98.5 | 98.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400             | 94.9                       | 98.0 | 98.5 | 98.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300             | 94.9                       | 98.0 | 98.5 | 98.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200             | 94.9                       | 98.0 | 98.5 | 98.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100             | 94.9                       | 98.0 | 98.5 | 98.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0               | 94.9                       | 98.0 | 98.5 | 98.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 1197



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |      |      |      |      |       |      |       |       |       |       |       |       |       |       |      |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|                   | ≥ 10                       | ≥ 6  | ≥ 5  | ≥ 4  | ≥ 3  | ≥ 2.5 | ≥ 2  | ≥ 1.5 | ≥ 1.4 | ≥ 1.3 | ≥ 1.2 | ≥ 1.1 | ≥ 1.0 | ≥ 0.9 | ≥ 0.8 | ≥ 0  |
| NO CEILING        | 82.3                       | 83.4 | 83.5 | 83.8 | 84.1 | 84.1  | 84.2 | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2  | 84.2 |
| ≥ 20000           | 86.5                       | 87.6 | 87.7 | 87.9 | 88.3 | 88.3  | 88.4 | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4  | 88.4 |
| ≥ 18000           | 86.8                       | 87.9 | 87.9 | 88.2 | 88.5 | 88.5  | 88.6 | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6  | 88.6 |
| ≥ 16000           | 86.9                       | 88.0 | 88.1 | 88.4 | 88.7 | 88.7  | 88.8 | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8  | 88.8 |
| ≥ 14000           | 88.1                       | 89.2 | 89.3 | 89.5 | 89.9 | 89.9  | 89.9 | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9  | 89.9 |
| ≥ 12000           | 88.9                       | 90.1 | 90.2 | 90.5 | 90.8 | 90.8  | 90.9 | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9  | 90.9 |
| ≥ 10000           | 89.4                       | 90.8 | 91.0 | 91.2 | 91.5 | 91.5  | 91.6 | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6  | 91.6 |
| ≥ 9000            | 89.9                       | 91.2 | 91.4 | 91.6 | 92.0 | 92.0  | 92.0 | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0 |
| ≥ 8000            | 89.9                       | 91.2 | 91.4 | 91.6 | 92.0 | 92.0  | 92.0 | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0  | 92.0 |
| ≥ 7000            | 90.2                       | 91.5 | 91.7 | 92.0 | 92.3 | 92.3  | 92.4 | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4  | 92.4 |
| ≥ 6000            | 90.6                       | 92.0 | 92.2 | 92.5 | 92.8 | 92.8  | 92.9 | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9  | 92.9 |
| ≥ 5000            | 91.8                       | 93.5 | 93.6 | 93.9 | 94.2 | 94.2  | 94.3 | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3  | 94.3 |
| ≥ 4500            | 92.5                       | 94.2 | 94.4 | 94.6 | 95.0 | 95.0  | 95.1 | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1  | 95.1 |
| ≥ 4000            | 93.6                       | 95.2 | 95.5 | 95.7 | 96.1 | 96.1  | 96.2 | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2  | 96.2 |
| ≥ 3500            | 93.8                       | 95.6 | 95.9 | 96.1 | 96.6 | 96.6  | 96.6 | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6  | 96.6 |
| ≥ 3000            | 94.6                       | 96.6 | 97.1 | 97.4 | 97.8 | 97.8  | 97.9 | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9  | 97.9 |
| ≥ 2500            | 94.7                       | 96.8 | 97.2 | 97.6 | 98.0 | 98.0  | 98.1 | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1  | 98.1 |
| ≥ 2000            | 95.0                       | 97.3 | 97.8 | 98.3 | 98.9 | 98.9  | 99.1 | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.1  | 99.2 |
| ≥ 1800            | 95.0                       | 97.4 | 97.9 | 98.6 | 99.0 | 99.0  | 99.2 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2 |
| ≥ 1500            | 95.1                       | 97.6 | 98.1 | 98.7 | 99.2 | 99.2  | 99.3 | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.4 |
| ≥ 1200            | 95.1                       | 97.7 | 98.2 | 98.8 | 99.2 | 99.2  | 99.4 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.5 |
| ≥ 1000            | 95.1                       | 97.7 | 98.2 | 98.8 | 99.2 | 99.2  | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.7 |
| ≥ 900             | 95.1                       | 97.7 | 98.2 | 98.8 | 99.2 | 99.2  | 99.6 | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.6  | 99.7 |
| ≥ 800             | 95.1                       | 97.7 | 98.2 | 98.9 | 99.3 | 99.3  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7 |
| ≥ 700             | 95.1                       | 97.7 | 98.2 | 98.9 | 99.3 | 99.4  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.8 |
| ≥ 600             | 95.1                       | 97.7 | 98.2 | 98.9 | 99.3 | 99.4  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.8 |
| ≥ 500             | 95.1                       | 97.7 | 98.2 | 98.9 | 99.3 | 99.4  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.8 |
| ≥ 400             | 95.1                       | 97.7 | 98.2 | 98.9 | 99.3 | 99.4  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.8 |
| ≥ 300             | 95.1                       | 97.7 | 98.2 | 98.9 | 99.3 | 99.4  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.8 |
| ≥ 200             | 95.1                       | 97.7 | 98.2 | 98.9 | 99.3 | 99.4  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.8 |
| ≥ 100             | 95.1                       | 97.7 | 98.2 | 98.9 | 99.3 | 99.4  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.8 |
| ≥ 0               | 95.1                       | 97.7 | 98.2 | 98.9 | 99.3 | 99.4  | 99.7 | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.7  | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 1194

USAFETAC FORM JUN 71 0-143 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| <u>OKTAS</u>    | <u>TENTHS</u> |
|-----------------|---------------|
| 0               | 0             |
| 1               | 1             |
| 2               | 3             |
| 3               | 4             |
| 4               | 5             |
| 5               | 6             |
| 6               | 8             |
| 7               | 9             |
| 8 (or obscured) | 10            |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SKY COVER

23182 PALMDALE APT CALIF

48-54,61-64,71-73

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
|        |                   | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   |                                |                        |
| JAN    | ALL               | 51.2  | 2.7 | 3.5 | 6.9 | 2.6 | 1.7 | 2.4 | 3.2 | 4.2 | 6.5 | 15.1 | 3.3                            | 9389                   |
| FEB    |                   | 51.7  | 2.6 | 3.8 | 8.3 | 2.5 | 1.6 | 2.1 | 2.6 | 4.3 | 6.7 | 13.9 | 3.2                            | 8474                   |
| MAR    |                   | 48.5  | 2.4 | 3.8 | 9.2 | 2.8 | 1.9 | 2.7 | 2.9 | 4.8 | 6.0 | 14.0 | 3.3                            | 9489                   |
| APR    |                   | 58.5  | 3.3 | 3.8 | 6.9 | 2.9 | 1.9 | 1.8 | 3.0 | 3.9 | 4.9 | 9.1  | 2.5                            | 9175                   |
| MAY    |                   | 65.3  | 3.3 | 3.3 | 1.5 | 1.7 | 1.4 | 1.8 | 2.5 | 3.0 | 4.4 | 5.9  | 2.0                            | 9533                   |
| JUN    |                   | 82.0  | 2.3 | 2.3 | 4.4 | 1.3 | .9  | .8  | 1.0 | 1.3 | 1.7 | 2.0  | .9                             | 8937                   |
| JUL    |                   | 78.0  | 2.5 | 2.5 | 4.9 | 1.7 | 1.1 | 1.2 | 1.9 | 2.0 | 1.8 | 2.4  | 1.1                            | 9240                   |
| AUG    |                   | 77.3  | 2.1 | 2.4 | 6.3 | 1.5 | 1.0 | 1.4 | 1.4 | 1.8 | 3.2 | 1.7  | 1.2                            | 9561                   |
| SEP    |                   | 80.8  | 2.1 | 2.1 | 3.2 | 1.0 | 1.0 | 1.0 | 1.1 | 1.3 | 2.1 | 4.1  | 1.1                            | 7896                   |
| OCT    |                   | 69.7  | 2.5 | 2.9 | 5.1 | 1.9 | 1.2 | 1.7 | 2.6 | 2.6 | 4.1 | 5.6  | 1.6                            | 8912                   |
| NOV    |                   | 58.0  | 2.9 | 3.5 | 6.9 | 2.5 | 1.5 | 2.6 | 3.1 | 4.2 | 4.5 | 10.5 | 2.6                            | 9277                   |
| DEC    |                   | 51.6  | 2.9 | 3.9 | 5.9 | 2.8 | 2.0 | 2.5 | 3.2 | 4.4 | 5.0 | 16.0 | 3.3                            | 9569                   |
| TOTALS |                   | 64.4  | 2.7 | 3.2 | 6.3 | 2.1 | 1.4 | 1.8 | 2.4 | 3.2 | 4.2 | 8.4  | 2.2                            | 109357                 |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO OF<br>OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-----------------------|
|        |                | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   |                                |                       |
| JAN    | 00-02          | 59.7  | 3.0 | 3.7 | 6.9 | 2.8 | .8  | 1.8 | 1.9 | 2.8 | 4.7 | 11.9 | 2.5                            | 1167                  |
|        | 03-05          | 59.2  | 2.2 | 2.1 | 6.5 | 2.5 | 1.4 | 1.1 | 2.1 | 3.1 | 4.9 | 14.7 | 2.8                            | 1173                  |
|        | 06-08          | 48.9  | 2.5 | 2.7 | 5.4 | 3.1 | 2.2 | 2.7 | 3.6 | 5.7 | 7.5 | 15.6 | 3.6                            | 1178                  |
|        | 09-11          | 44.6  | 3.5 | 2.1 | 7.1 | 2.1 | 1.8 | 3.0 | 3.0 | 5.8 | 7.9 | 19.1 | 3.9                            | 1175                  |
|        | 12-14          | 42.7  | 3.2 | 3.0 | 6.8 | 3.0 | 1.1 | 2.8 | 3.6 | 6.4 | 9.4 | 18.1 | 4.1                            | 1181                  |
|        | 15-17          | 42.0  | 3.2 | 4.8 | 7.4 | 2.0 | 1.7 | 3.0 | 4.4 | 4.9 | 8.2 | 18.4 | 4.0                            | 1172                  |
|        | 18-20          | 55.1  | 1.9 | 4.1 | 7.4 | 2.6 | 2.7 | 2.2 | 4.3 | 2.9 | 5.2 | 11.7 | 2.9                            | 1175                  |
|        | 21-23          | 57.0  | 2.2 | 5.5 | 8.0 | 3.0 | 1.5 | 2.7 | 2.8 | 1.8 | 4.2 | 11.4 | 2.6                            | 1167                  |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                       |
| TOTALS |                | 51.2  | 2.7 | 3.5 | 6.9 | 2.6 | 1.7 | 2.4 | 3.2 | 4.2 | 6.5 | 15.1 | 3.3                            | 9388                  |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |      |     |     |     |     |     |      |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO OF<br>OBS |
|--------|----------------|---|-----|-----|------|-----|-----|-----|-----|-----|------|------|--------------------------------|-----------------------|
|        |                | 0   | 1   | 2   | 3    | 4   | 5   | 6   | 7   | 8   | 9    | 10   |                                |                       |
| FEB    | 00-02          | 67.1  | 2.4 | 2.4 | 6.2  | 1.9 | .8  | 1.3 | 1.9 | 2.2 | 4.3  | 9.5  | 2.1                            | 1062                  |
|        | 03-05          | 63.7  | 1.6 | 2.4 | 6.7  | 2.6 | 1.5 | 2.5 | 1.3 | 2.5 | 3.2  | 12.1 | 2.4                            | 1061                  |
|        | 06-08          | 47.9  | 3.2 | 3.7 | 7.4  | 2.1 | 1.9 | 2.5 | 2.5 | 5.5 | 7.4  | 15.9 | 3.5                            | 1063                  |
|        | 09-11          | 45.4  | 2.9 | 4.0 | 8.4  | 2.3 | 2.0 | 1.7 | 3.4 | 4.2 | 7.8  | 18.0 | 3.7                            | 1063                  |
|        | 12-14          | 41.0  | 2.0 | 4.2 | 8.3  | 2.5 | 1.8 | 3.0 | 3.1 | 5.2 | 10.3 | 17.8 | 4.1                            | 1058                  |
|        | 15-17          | 37.8  | 3.5 | 4.7 | 9.6  | 3.2 | 2.4 | 1.9 | 4.4 | 7.3 | 10.2 | 14.9 | 4.1                            | 1057                  |
|        | 18-20          | 49.6  | 2.3 | 4.6 | 11.2 | 2.8 | 1.4 | 1.8 | 2.7 | 3.8 | 6.7  | 13.0 | 3.1                            | 1052                  |
|        | 21-23          | 61.1  | 1.8 | 4.7 | 8.9  | 2.3 | 1.3 | 1.7 | 1.3 | 3.3 | 3.3  | 10.2 | 2.3                            | 1052                  |
|        |                |   |     |     |      |     |     |     |     |     |      |      |                                |                       |
|        |                |   |     |     |      |     |     |     |     |     |      |      |                                |                       |
|        |                |   |     |     |      |     |     |     |     |     |      |      |                                |                       |
|        |                |   |     |     |      |     |     |     |     |     |      |      |                                |                       |
|        |                |   |     |     |      |     |     |     |     |     |      |      |                                |                       |
| TOTALS |                | 51.7  | 2.6 | 3.8 | 8.3  | 2.5 | 1.6 | 2.1 | 2.6 | 4.3 | 6.7  | 13.9 | 3.2                            | 8474                  |

USAFETAC

FORM  
JUL 64

0-9-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

23182 PALMDALE APT CALIF

49-54,61-64,71-73

MAR

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |      |     |     |     |     |     |     |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|---|-----|-----|------|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
|        |                   | 0   | 1   | 2   | 3    | 4   | 5   | 6   | 7   | 8   | 9   | 10   |                                |                        |
| MAR    | 00-02             | 62.5  | 1.9 | 3.7 | 7.7  | 2.1 | 1.7 | 1.9 | 2.5 | 3.3 | 4.0 | 8.8  | 2.3                            | 1184                   |
|        | 03-05             | 58.8  | 2.7 | 3.5 | 10.6 | 2.6 | 2.1 | 1.9 | 2.5 | 2.4 | 3.9 | 8.9  | 2.4                            | 1185                   |
|        | 06-08             | 45.6  | 4.1 | 3.9 | 8.4  | 2.4 | 1.5 | 2.4 | 3.3 | 5.4 | 7.6 | 15.5 | 3.6                            | 1190                   |
|        | 09-11             | 43.0  | 4.3 | 4.3 | 7.9  | 2.4 | 1.9 | 3.4 | 2.8 | 6.8 | 5.7 | 17.5 | 3.8                            | 1185                   |
|        | 12-14             | 38.9  | 3.5 | 4.1 | 8.7  | 2.9 | 2.6 | 4.2 | 3.0 | 6.1 | 7.6 | 18.3 | 4.1                            | 1184                   |
|        | 15-17             | 36.3  | 2.9 | 3.6 | 10.3 | 3.4 | 2.5 | 3.4 | 3.3 | 6.6 | 8.4 | 19.3 | 4.3                            | 1179                   |
|        | 18-20             | 44.8  | 3.7 | 3.4 | 10.3 | 3.8 | 2.0 | 3.1 | 3.4 | 5.0 | 7.3 | 13.1 | 3.5                            | 1191                   |
|        | 21-23             | 58.2  | 3.9 | 4.2 | 9.3  | 2.6 | 1.2 | 1.6 | 2.5 | 2.5 | 3.5 | 10.4 | 2.4                            | 1191                   |
|        |                   |   |     |     |      |     |     |     |     |     |     |      |                                |                        |
|        |                   |   |     |     |      |     |     |     |     |     |     |      |                                |                        |
|        |                   |   |     |     |      |     |     |     |     |     |     |      |                                |                        |
|        |                   |   |     |     |      |     |     |     |     |     |     |      |                                |                        |
| TOTALS |                   | 48.5  | 3.4 | 3.8 | 9.2  | 2.8 | 1.9 | 2.7 | 2.9 | 4.8 | 6.0 | 14.0 | 3.3                            | 9489                   |

USAFETAC

FORM  
JUL 64

0-9-3 (OL. A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

23182 PALMDALE APT CALIF

49-54,61-64,71-73

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
|        |                   | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   |                                |                        |
| APR    | 00-02             | 71.7  | 1.8 | 3.1 | 6.3 | 1.3 | 1.4 | 1.3 | 2.1 | 1.7 | 2.9 | 6.3  | 1.6                            | 1150                   |
|        | 03-05             | 64.2  | 3.7 | 5.2 | 7.2 | 3.0 | 1.3 | 1.3 | 1.9 | 2.4 | 3.7 | 5.8  | 1.9                            | 1147                   |
|        | 06-08             | 54.5  | 3.8 | 4.5 | 6.3 | 3.1 | 1.1 | 2.0 | 3.6 | 4.9 | 5.8 | 10.4 | 2.6                            | 1146                   |
|        | 09-11             | 53.1  | 3.9 | 4.5 | 6.2 | 3.1 | 2.4 | 1.8 | 2.9 | 4.4 | 5.6 | 12.1 | 2.9                            | 1151                   |
|        | 12-14             | 46.9  | 5.0 | 3.5 | 8.3 | 4.0 | 2.4 | 2.5 | 4.3 | 4.8 | 5.9 | 12.2 | 3.3                            | 1143                   |
|        | 15-17             | 49.2  | 2.6 | 3.2 | 8.3 | 3.2 | 2.5 | 2.4 | 4.2 | 5.7 | 7.0 | 11.7 | 3.3                            | 1142                   |
|        | 18-20             | 57.0  | 3.0 | 3.4 | 7.5 | 2.9 | 2.7 | 2.5 | 2.7 | 4.6 | 5.6 | 8.1  | 2.5                            | 1142                   |
|        | 21-23             | 71.4  | 2.4 | 2.8 | 4.8 | 2.3 | 1.6 | .7  | 2.1 | 2.7 | 2.8 | 6.5  | 1.7                            | 1154                   |
|        |                   |   |     |     |     |     |     |     |     |     |     |      |                                |                        |
|        |                   |   |     |     |     |     |     |     |     |     |     |      |                                |                        |
|        |                   |   |     |     |     |     |     |     |     |     |     |      |                                |                        |
|        |                   |   |     |     |     |     |     |     |     |     |     |      |                                |                        |
|        |                   |   |     |     |     |     |     |     |     |     |     |      |                                |                        |
| TOTALS |                   | 58.5  | 3.3 | 3.8 | 6.9 | 2.9 | 1.9 | 1.8 | 3.0 | 3.9 | 4.9 | 9.1  | 2.5                            | 9175                   |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

23182 PALMDALE APT CALIF

49-54,61-64,71-73

MAY

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |     | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------|------------------------|
|        |                | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |                                |                        |
| MAY    | 00-02          | 79.9  | 1.5 | 1.8 | 4.8 | .8  | 1.1 | 1.1 | 2.1 | 1.5 | 1.9 | 3.5 | 1.1                            | 1200                   |
|        | 03-05          | 71.1  | 2.5 | 3.0 | 6.6 | 2.3 | .9  | 1.3 | 2.5 | 2.5 | 3.2 | 4.0 | 1.6                            | 1190                   |
|        | 06-08          | 64.7  | 3.4 | 3.4 | 7.5 | 1.2 | 1.9 | 1.9 | 2.9 | 4.0 | 4.0 | 5.1 | 2.0                            | 1192                   |
|        | 09-11          | 62.5  | 2.8 | 3.1 | 8.5 | 1.4 | 1.9 | 2.4 | 3.1 | 3.7 | 4.8 | 5.7 | 2.2                            | 1186                   |
|        | 12-14          | 55.9  | 4.4 | 4.2 | 8.8 | 2.4 | 1.4 | 2.5 | 2.8 | 3.5 | 5.8 | 8.1 | 2.5                            | 1194                   |
|        | 15-17          | 53.0  | 4.7 | 4.7 | 8.7 | 2.3 | 2.0 | 1.1 | 2.6 | 3.8 | 7.8 | 9.4 | 2.8                            | 1196                   |
|        | 18-20          | 59.6  | 4.7 | 4.0 | 8.2 | 2.0 | 1.3 | 2.3 | 2.2 | 2.9 | 5.1 | 7.6 | 2.3                            | 1192                   |
|        | 21-23          | 75.7  | 2.0 | 1.9 | 7.0 | 1.5 | .9  | 1.4 | 1.3 | 1.7 | 2.3 | 4.0 | 1.3                            | 1183                   |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                        |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                        |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                        |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                        |
| TOTALS |                | 65.3  | 3.3 | 3.3 | 7.5 | 1.7 | 1.4 | 1.8 | 2.5 | 3.0 | 4.4 | 5.9 | 2.0                            | 9533                   |

USAFETAC

FORM  
JUL 64

0-9-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUN

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |     | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO OF<br>OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------|-----------------------|
|        |                | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |                                |                       |
| JUN    | 00-02          | 88.9  | 1.1 | 2.1 | 3.9 | 1.2 | .3  | .5  | .5  | .3  | .6  | .7  | .4                             | 1115                  |
|        | 03-05          | 84.1  | 2.3 | 2.4 | 4.1 | .7  | 1.0 | .6  | .9  | 1.2 | 1.4 | 1.3 | .7                             | 1111                  |
|        | 06-08          | 80.9  | 2.8 | 2.0 | 4.3 | 1.4 | 1.0 | .8  | .9  | 1.3 | 2.2 | 2.4 | 1.0                            | 1122                  |
|        | 09-11          | 81.1  | 2.0 | 2.2 | 3.2 | 1.9 | 1.3 | 1.1 | .6  | 1.3 | 3.1 | 2.3 | 1.0                            | 1115                  |
|        | 12-14          | 77.5  | 1.9 | 3.5 | 4.7 | 1.5 | 1.0 | 1.2 | 1.4 | 2.1 | 2.1 | 3.0 | 1.2                            | 1117                  |
|        | 15-17          | 77.8  | 2.9 | 1.9 | 4.7 | 1.7 | 1.0 | 1.3 | 1.6 | 2.1 | 2.3 | 2.7 | 1.2                            | 1121                  |
|        | 18-20          | 78.9  | 3.0 | 2.4 | 5.9 | 1.3 | 1.2 | .6  | 1.3 | 1.6 | 1.5 | 2.3 | 1.0                            | 1117                  |
|        | 21-23          | 87.0  | 2.0 | 1.9 | 4.3 | .9  | .4  | .3  | .8  | .8  | .7  | .9  | .3                             | 1119                  |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
| TOTALS |                | 82.0  | 2.3 | 2.3 | 4.4 | 1.3 | .9  | .8  | 1.0 | 1.3 | 1.7 | 2.0 | .9                             | 8937                  |

USAFETAC

FORM  
JUL 64 0-9-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## SKY COVER

444

MONTH

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |     | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------|------------------------|
|        |                   | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |                                |                        |
| JUL    | 00-02             | 87.5  | 1.0 | 1.0 | 2.9 | 1.5 | .2  | 1.0 | 1.0 | .7  | .7  | 2.4 | .7                             | 1154                   |
|        | 03-05             | 80.1  | 2.3 | 3.4 | 4.7 | 1.5 | .8  | .7  | 1.2 | 1.4 | 1.7 | 2.2 | .9                             | 1159                   |
|        | 06-08             | 77.2  | 2.3 | 3.1 | 4.0 | 1.0 | 1.3 | 1.8 | 2.3 | 2.3 | 2.2 | 2.4 | 1.2                            | 1150                   |
|        | 09-11             | 75.2  | 3.6 | 2.7 | 5.2 | 1.7 | 1.7 | 1.9 | 2.2 | 2.2 | 1.8 | 1.7 | 1.2                            | 1146                   |
|        | 12-14             | 70.0  | 3.9 | 3.1 | 5.5 | 2.0 | 2.2 | 1.1 | 2.9 | 3.5 | 2.6 | 3.2 | 1.6                            | 1157                   |
|        | 15-17             | 71.0  | 2.5 | 2.3 | 6.9 | 3.0 | 1.6 | 1.3 | 2.3 | 3.0 | 2.9 | 3.3 | 1.5                            | 1150                   |
|        | 18-20             | 76.3  | 2.9 | 3.1 | 6.1 | 1.9 | .5  | 1.3 | 2.3 | 2.0 | 1.8 | 1.8 | 1.1                            | 1157                   |
|        | 21-23             | 86.8  | 1.8 | 1.0 | 3.5 | 1.0 | .6  | .5  | .9  | .6  | 1.0 | 2.1 | .7                             | 1163                   |
|        |                   |   |     |     |     |     |     |     |     |     |     |     |                                |                        |
|        |                   |   |     |     |     |     |     |     |     |     |     |     |                                |                        |
|        |                   |   |     |     |     |     |     |     |     |     |     |     |                                |                        |
|        |                   |   |     |     |     |     |     |     |     |     |     |     |                                |                        |
| TOTALS |                   | 76.0  | 2.5 | 2.5 | 4.9 | 1.7 | 1.1 | 1.2 | 1.9 | 2.0 | 1.8 | 2.4 | 1.1                            | 9240                   |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

23182 PALMDALE APT CALIF

49-54,61-64,71-73

AUG

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |     | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO OF<br>OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------|-----------------------|
|        |                | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |                                |                       |
| AUG    | 00-02          | 86.2  | .8  | 1.2 | 4.4 | 1.0 | .5  | .2  | .8  | 1.2 | 2.4 | 1.4 | .7                             | 1200                  |
|        | 03-05          | 61.4  | 1.0 | 1.3 | 5.7 | 1.4 | 1.0 | 1.2 | 1.0 | 1.8 | 2.2 | 2.0 | 1.0                            | 1196                  |
|        | 06-08          | 72.6  | 1.8 | 2.8 | 8.0 | 1.7 | 1.3 | 2.0 | 1.8 | 2.9 | 3.9 | 1.3 | 1.4                            | 1199                  |
|        | 09-11          | 75.5  | 2.6 | 2.3 | 6.3 | 2.0 | .8  | 2.2 | 2.0 | 2.3 | 2.9 | 1.2 | 1.2                            | 1199                  |
|        | 12-14          | 69.5  | 3.6 | 3.4 | 8.3 | 1.8 | 1.9 | 1.8 | 1.8 | 1.8 | 3.9 | 2.2 | 1.5                            | 1197                  |
|        | 15-17          | 70.7  | 2.7 | 3.4 | 7.9 | 2.3 | 1.0 | 1.2 | 2.0 | 1.7 | 4.5 | 2.5 | 1.5                            | 1189                  |
|        | 18-20          | 77.3  | 2.0 | 3.3 | 5.4 | 1.0 | 1.0 | 1.5 | 1.2 | 1.4 | 3.9 | 1.4 | 1.1                            | 1192                  |
|        | 21-23          | 85.0  | 1.6 | 1.3 | 4.5 | .8  | .8  | .7  | .8  | 1.2 | 2.0 | 1.5 | .8                             | 1189                  |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
| TOTALS |                | 77.3  | 2.1 | 2.4 | 6.3 | 1.5 | 1.0 | 1.4 | 1.4 | 1.8 | 3.2 | 1.7 | 1.2                            | 9561                  |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SKY COVER

23182 PALMDALE APT CALIF

49-54,61-64,71-72

SEP

STATION

STATION NAME

PERIOD

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |     | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO OF<br>OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------|-----------------------|
|        |                | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |                                |                       |
| SEP    | 00-02          | 88.2  | 1.0 | 2.2 | .8  | .4  | .4  | .8  | .9  | .4  | 1.2 | 3.5 | .7                             | 986                   |
|        | 03-05          | 85.6  | 1.8 | 1.5 | 2.0 | .6  | .5  | 1.0 | .7  | 1.6 | 1.4 | 3.1 | .8                             | 987                   |
|        | 06-08          | 79.7  | 2.2 | 1.8 | 3.0 | 1.3 | 1.6 | 1.2 | .9  | .9  | 2.4 | 4.8 | 1.2                            | 986                   |
|        | 09-11          | 78.3  | 3.0 | 2.0 | 3.2 | .7  | 1.1 | .7  | 1.8 | 1.6 | 2.7 | 4.9 | 1.3                            | 981                   |
|        | 12-14          | 72.6  | 4.3 | 2.6 | 5.0 | 1.8 | 1.3 | 1.1 | 1.5 | 1.7 | 2.4 | 5.7 | 1.5                            | 988                   |
|        | 15-17          | 72.9  | 2.9 | 3.0 | 5.2 | 1.7 | 1.4 | 1.4 | 1.1 | 2.5 | 2.8 | 4.9 | 1.5                            | 987                   |
|        | 18-20          | 80.0  | 1.1 | 1.9 | 4.6 | 1.5 | 1.4 | 1.3 | 1.0 | 1.4 | 2.0 | 3.7 | 1.1                            | 989                   |
|        | 21-23          | 89.2  | .6  | 1.5 | 1.9 | .3  | .1  | .3  | 1.2 | .5  | 1.3 | 2.5 | .7                             | 992                   |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
| TOTALS |                | 80.8  | 2.1 | 2.1 | 3.2 | 1.0 | 1.0 | 1.0 | 1.1 | 1.3 | 2.1 | 4.1 | 1.1                            | 7896                  |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

23182 PALMDALE APT CALIF

49-54, 61-64, 71-72

OCT

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |     | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO OF<br>OBS |
|--------|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------|-----------------------|
|        |                   | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |                                |                       |
| OCT    | 00-02             | 79.8  | 1.9 | 2.5 | 3.4 | 1.2 | .5  | .6  | 1.4 | 1.3 | 2.3 | 5.1 | 1.2                            | 1109                  |
|        | 03-05             | 77.1  | 1.9 | 2.3 | 4.7 | 2.0 | .8  | 1.2 | 1.6 | 1.5 | 2.4 | 4.4 | 1.3                            | 1105                  |
|        | 06-08             | 69.2  | 2.4 | 2.3 | 4.3 | 2.5 | 1.4 | 2.2 | 2.7 | 2.9 | 5.7 | 4.4 | 1.9                            | 1104                  |
|        | 09-11             | 67.0  | 2.9 | 2.9 | 5.3 | 2.2 | 1.9 | 1.7 | 2.5 | 3.0 | 4.3 | 6.3 | 2.0                            | 1097                  |
|        | 12-14             | 60.7  | 3.9 | 3.8 | 6.2 | 1.8 | .9  | 2.0 | 3.7 | 4.0 | 5.2 | 7.7 | 2.4                            | 1095                  |
|        | 15-17             | 59.0  | 3.6 | 2.9 | 6.8 | 2.0 | 1.7 | 2.2 | 5.0 | 4.0 | 5.9 | 6.9 | 2.5                            | 1102                  |
|        | 18-20             | 64.1  | 2.2 | 3.4 | 5.7 | 2.1 | 1.3 | 2.3 | 3.2 | 2.8 | 3.5 | 5.4 | 1.9                            | 1101                  |
|        | 21-23             | 77.0  | 1.2 | 3.4 | 4.6 | 1.4 | 1.2 | 1.5 | 1.0 | 1.4 | 3.1 | 4.3 | 1.3                            | 1105                  |
|        |                   |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                   |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                   |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                   |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
|        |                   |   |     |     |     |     |     |     |     |     |     |     |                                |                       |
| TOTALS |                   | 69.7  | 2.5 | 2.9 | 5.1 | 1.9 | 1.2 | 1.7 | 2.6 | 2.6 | 4.1 | 5.6 | 1.8                            | 8819                  |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SKY COVER

23182 PALMDALE APT CALIF

48-54,61-64,71-72

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO OF<br>OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|-----------------------|
|        |                | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   |                                |                       |
| NOV    | 00-02          | 69.2  | .9  | 3.3 | 5.5 | 2.1 | .9  | 1.7 | 2.0 | 3.7 | 3.0 | 7.6  | 1.9                            | 1166                  |
|        | 03-05          | 69.2  | 1.4 | 2.2 | 6.5 | 2.4 | 1.5 | 2.1 | 2.2 | 2.5 | 2.3 | 7.9  | 1.9                            | 1161                  |
|        | 06-08          | 54.8  | 3.3 | 4.8 | 6.1 | 2.7 | 1.6 | 2.6 | 4.0 | 4.7 | 5.3 | 10.1 | 2.6                            | 1156                  |
|        | 09-11          | 48.8  | 4.2 | 3.6 | 8.3 | 2.1 | 1.1 | 3.5 | 4.1 | 5.6 | 4.7 | 14.0 | 3.2                            | 1158                  |
|        | 12-14          | 45.2  | 4.3 | 3.1 | 7.5 | 3.5 | 2.2 | 4.0 | 3.8 | 5.8 | 6.7 | 13.9 | 3.5                            | 1163                  |
|        | 15-17          | 45.5  | 5.3 | 4.5 | 7.3 | 2.9 | 1.9 | 2.6 | 4.1 | 6.3 | 6.3 | 13.5 | 3.4                            | 1152                  |
|        | 18-20          | 61.9  | 2.0 | 3.7 | 7.2 | 3.0 | 1.8 | 2.8 | 3.0 | 2.3 | 4.5 | 7.8  | 2.3                            | 1159                  |
|        | 21-23          | 69.1  | 1.6 | 2.5 | 6.4 | 1.5 | 1.3 | 1.5 | 1.2 | 2.4 | 3.4 | 9.0  | 2.0                            | 1162                  |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                       |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                       |
| TOTALS |                | 58.0  | 2.9 | 3.5 | 6.9 | 2.5 | 1.5 | 2.6 | 3.1 | 4.2 | 4.5 | 10.5 | 2.6                            | 9277                  |

USAFETAC

FORM  
JUL 64

0-9-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



1  
DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

23182 PALMDALE APT CALIF

48-54,61-64,71-72

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |     |     |     |     |     |     |     |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|
|        |                | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10   |                                |                        |
| DEC    | 00-02          | 63.8  | 3.0 | 3.7 | 5.5 | 2.4 | 1.1 | 2.1 | 2.0 | 1.8 | 3.8 | 10.7 | 2.3                            | 1192                   |
|        | 03-05          | 60.6  | 2.8 | 4.1 | 5.1 | 2.3 | 2.2 | 1.6 | 2.3 | 3.2 | 3.1 | 12.7 | 2.5                            | 1193                   |
|        | 06-08          | 46.7  | 2.8 | 3.8 | 5.3 | 2.6 | 2.8 | 1.3 | 3.5 | 6.6 | 5.7 | 17.0 | 3.6                            | 1197                   |
|        | 09-11          | 42.7  | 3.9 | 3.4 | 5.8 | 3.1 | 2.3 | 3.9 | 4.2 | 5.3 | 6.8 | 18.6 | 3.9                            | 1199                   |
|        | 12-14          | 40.8  | 3.6 | 3.3 | 5.8 | 3.6 | 2.5 | 2.7 | 4.1 | 5.8 | 7.7 | 20.3 | 4.2                            | 1200                   |
|        | 15-17          | 41.8  | 2.8 | 4.3 | 5.5 | 2.6 | 1.8 | 3.6 | 3.7 | 6.9 | 5.4 | 21.6 | 4.1                            | 1196                   |
|        | 18-20          | 55.8  | 1.8 | 3.8 | 7.0 | 2.4 | 1.3 | 2.3 | 2.8 | 3.1 | 3.7 | 16.2 | 3.0                            | 1198                   |
|        | 21-23          | 58.2  | 2.7 | 4.8 | 7.0 | 3.0 | 2.3 | 2.1 | 2.7 | 2.2 | 3.9 | 11.2 | 2.5                            | 1194                   |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                        |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                        |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                        |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                        |
|        |                |   |     |     |     |     |     |     |     |     |     |      |                                |                        |
| TOTALS |                | 51.6  | 2.9 | 3.9 | 5.9 | 2.8 | 2.0 | 2.5 | 3.2 | 4.4 | 5.0 | 16.0 | 3.3                            | 9369                   |

USAFETAC

FORM  
JUL 64 0-9-3 (OL. A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse



3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\Sigma X^2$ ), sums of values ( $\Sigma X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.



DATA PROCESSING BRANCH  
 USAF STAC  
 AIR WEATHER SERVICE/MAC  
 28182 PALMDALE APT CALIF

# DAILY TEMPERATURES

46-73

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F)  | JAN   | FEB   | MAR   | APR    | MAY    | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|------------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|
| 110        |       |       |       |        |        | .9    | 1.5   |       |       |       |       |       | .2     |
| 105        |       |       |       |        |        | 6.1   | 13.2  | 10.8  | 1.7   |       |       |       | 2.7    |
| 100        |       |       |       |        | 1.2    | 18.8  | 52.6  | 44.5  | 12.9  | .1    |       |       | 11.0   |
| 95         |       |       |       | .4     | 7.4    | 39.7  | 82.1  | 76.9  | 37.8  | 2.7   |       |       | 20.8   |
| 90         |       |       |       | 4.7    | 22.6   | 58.7  | 96.0  | 90.2  | 62.3  | 13.2  |       |       | 29.2   |
| 85         |       |       | .9    | 13.7   | 42.8   | 73.8  | 98.8  | 96.0  | 80.7  | 30.9  | .4    | .1    | 36.7   |
| 80         | .3    | .6    | 7.2   | 30.5   | 59.7   | 85.7  | 99.9  | 98.7  | 91.2  | 98.7  | 9.2   | .4    | 44.8   |
| 75         | .5    | 7.1   | 20.4  | 48.1   | 73.4   | 92.2  | 100.0 | 99.9  | 96.2  | 71.7  | 18.6  | 1.2   | 52.6   |
| 70         | 5.9   | 19.3  | 40.3  | 64.3   | 83.0   | 97.9  |       | 100.0 | 99.3  | 88.4  | 37.8  | 3.9   | 61.6   |
| 65         | 19.0  | 36.0  | 56.5  | 77.2   | 93.5   | 99.6  |       |       | 99.9  | 93.0  | 37.8  | 18.5  | 70.9   |
| 60         | 40.0  | 56.6  | 72.6  | 87.9   | 98.8   | 100.0 |       |       | 100.0 | 97.0  | 74.8  | 41.4  | 80.9   |
| 55         | 61.3  | 79.5  | 87.4  | 95.9   | 99.9   |       |       |       |       | 99.3  | 99.7  | 63.2  | 89.8   |
| 50         | 78.2  | 93.3  | 95.5  | 99.5   | 100.0  |       |       |       |       | 99.9  | 97.1  | 82.6  | 95.5   |
| 45         | 90.8  | 99.0  | 99.3  | 99.9   |        |       |       |       |       | 100.0 | 99.3  | 94.6  | 98.6   |
| 40         | 97.4  | 100.0 |       | 100.0  |        |       |       |       |       |       | 99.7  | 98.6  | 99.6   |
| 35         | 98.8  |       | 100.0 |        |        |       |       |       |       |       | 100.0 | 99.4  | 99.8   |
| 30         | 99.7  |       |       |        |        |       |       |       |       |       |       | 99.9  | 100.0  |
| 25         | 100.0 |       |       |        |        |       |       |       |       |       |       | 100.0 | 100.0  |
| 20         |       |       |       |        |        |       |       |       |       |       |       |       |        |
| 15         |       |       |       |        |        |       |       |       |       |       |       |       |        |
| 10         |       |       |       |        |        |       |       |       |       |       |       |       |        |
| 5          |       |       |       |        |        |       |       |       |       |       |       |       |        |
| 0          |       |       |       |        |        |       |       |       |       |       |       |       |        |
| MEAN       | 56.6  | 61.6  | 66.0  | 73.0   | 81.1   | 86.6  | 99.1  | 97.8  | 91.1  | 79.4  | 66.1  | 57.4  | 76.7   |
| S.D.       | 8.707 | 8.195 | 9.358 | 10.410 | 10.097 | 9.730 | 5.230 | 6.072 | 7.845 | 9.151 | 8.855 | 8.163 | 17.150 |
| TOTAL OBS. | 775   | 706   | 775   | 750    | 775    | 749   | 775   | 775   | 720   | 741   | 725   | 775   | 9041   |



STATION

STATION NAME

44-73

YEARS

MINIMUM

MINIMUM

1210 WS FORM JUL 64 0-21 5 (Rev 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC  
 23182 PALMDALE APT CALIF

# DAILY TEMPERATURES

48-73

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 90        |       |       |       |       |       | 1.3   | 3.2   | 1.5   |       |       |       |       | .5     |
| 89        |       |       |       |       |       | 6.7   | 31.2  | 24.6  | 3.5   |       |       |       | 5.6    |
| 88        |       |       |       |       | 1.5   | 22.7  | 69.9  | 59.7  | 18.5  | .4    |       |       | 14.6   |
| 87        |       |       |       |       | 9.3   | 47.3  | 92.3  | 84.4  | 43.5  | 2.6   |       |       | 23.5   |
| 86        |       |       |       | 4.0   | 30.5  | 70.0  | 99.1  | 96.4  | 72.1  | 18.9  |       |       | 32.5   |
| 85        |       |       | 1.7   | 17.3  | 55.7  | 87.4  | 100.0 | 99.6  | 91.2  | 37.1  | 1.1   | .1    | 41.1   |
| 84        | .5    | 2.3   | 11.2  | 41.2  | 74.7  | 87.1  |       | 100.0 | 98.6  | 66.1  | 9.2   | 1.2   | 50.3   |
| 83        | 3.9   | 13.3  | 31.2  | 66.3  | 91.6  | 100.0 |       |       | 100.0 | 88.2  | 32.0  | 3.9   | 60.7   |
| 82        | 20.0  | 36.1  | 59.4  | 84.0  | 98.7  |       |       |       |       | 98.0  | 58.9  | 15.4  | 72.3   |
| 81        | 43.5  | 66.4  | 82.6  | 96.1  | 100.0 |       |       |       |       | 98.3  | 80.7  | 41.8  | 84.1   |
| 80        | 70.7  | 90.8  | 97.2  | 99.9  |       |       |       |       |       | 99.6  | 94.4  | 75.0  | 93.9   |
| 79        | 88.0  | 97.9  | 99.9  | 100.0 |       |       |       |       |       | 100.0 | 98.8  | 91.1  | 97.9   |
| 78        | 95.3  | 100.0 | 100.0 |       |       |       |       |       |       |       | 99.4  | 98.2  | 99.4   |
| 77        | 99.3  |       |       |       |       |       |       |       |       |       | 99.9  | 99.6  | 99.9   |
| 76        | 99.9  |       |       |       |       |       |       |       |       |       | 100.0 | 100.0 | 100.0  |
| 75        | 100.0 |       |       |       |       |       |       |       |       |       |       |       | 100.0  |
| 74        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 73        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 72        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 71        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 70        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 69        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 68        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 67        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 66        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 65        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 64        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 63        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 62        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 61        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 60        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 59        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 58        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 57        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 56        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 55        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 54        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 53        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 52        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 51        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 50        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 49        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 48        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 47        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 46        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 45        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 44        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 43        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 42        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 41        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 40        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 39        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 38        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 37        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 36        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 35        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 34        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 33        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 32        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 31        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 30        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 29        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 28        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 27        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 26        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 25        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 24        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 23        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 22        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 21        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 20        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 19        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 18        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 17        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 16        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 15        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 14        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 13        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 12        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 11        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 10        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 9         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 8         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 7         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 6         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 5         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 4         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 3         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 2         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 1         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 0         |       |       |       |       |       |       |       |       |       |       |       |       |        |
| MEAN      | 48.0  | 47.3  | 51.2  | 57.3  | 65.1  | 73.6  | 81.9  | 80.2  | 73.3  | 62.2  | 50.8  | 43.4  | 60.8   |
| SD        | 7.110 | 6.135 | 6.546 | 7.172 | 7.207 | 7.478 | 4.793 | 5.478 | 6.402 | 7.169 | 6.846 | 6.415 | 15.037 |
| TOTAL OBS | 775   | 706   | 775   | 750   | 775   | 749   | 775   | 775   | 720   | 741   | 725   | 775   | 9041   |



DATA PROCESSING BRANCH  
USAF ETAC  
AFR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

23182 PALMDALE APT CALIF

48-73

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH<br>YEAR | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ALL<br>MONTHS |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 48            |       |       |       |       |       |       |       |       |       |       |       |       |               |
| 49            | 59    | 72    | 75    | 96    | 98    | 102   | 106   | 104   | 104   | 92    | 79    | 73    | 106           |
| 50            | 74    | 79    | 84    | 94    | 102   | 107   | 107   | 109   | 109   | 96    | 86    | 80    | 109           |
| 51            | 77    | 79    | 81    | 91    | 104   | 108   | 106   | 107   | 104   |       | 76    | 66    |               |
| 52            | 69    | 72    | 77    | 85    | 98    | 97    | 104   | 108   | 108   | 97    | 76    | 66    | 105           |
| 53            | 73    | 76    | 80    | 90    | 88    | 105   | 108   | 104   | 102   | 91    | 88    | 68    | 108           |
| 54            | 70    | 77    | 76    | 94    | 100   | 110   | 107   | 108   | 98    | 94    | 76    | 64    | 120           |
| 55            | 69    | 78    | 79    | 84    | 98    | 104   | 104   | 104   | 107   | 90    | 84    | 72    | 107           |
| 56            | 74    | 72    | 84    | 84    | 94    | 110   | 102   | 104   | 101   | 90    | 82    | 75    | 110           |
| 57            | 58    | 77    | 80    | 88    | 98    |       | 104   | 104   | 100   | 83    | 72    | 72    |               |
| 58            | 70    | 73    | 69    | 86    | 94    | 103   | 108   | 103   | 102   | 94    | 81    | 85    | 108           |
| 59            | 78    | 72    | 80    | 91    | 92    | 103   | 107   | 104   | 106   | 92    | 74    | 72    | 107           |
| 60            | 70    | 76    | 82    | 91    | 98    | 106   | 111   | 108   | 106   | 90    |       | 71    |               |
| 61            | 69    | 72    | 81    | 95    | 90    | 113   | 110   | 103   | 99    | 93    | 79    | 66    | 113           |
| 62            | 73    | 72    | 81    | 92    | 93    | 104   | 108   | 109   | 109   | 93    | 84    | 75    | 109           |
| 63            | 70    | 80    | 77    | 86    | 98    | 101   | 103   | 103   | 103   | 97    | 73    | 70    | 103           |
| 64            | 68    | 71    | 82    | 91    | 93    | 108   | 108   | 104   | 99    | 100   | 75    | 72    | 108           |
| 65            | 76    | 77    | 78    | 92    | 94    | 96    | 106   | 108   | 97    | 98    | 80    | 82    | 108           |
| 66            | 72    | 67    | 87    | 92    | 96    | 107   | 104   | 109   | 101   | 89    | 82    | 69    | 109           |
| 67            | 72    | 75    | 83    | 74    | 102   | 108   | 109   | 109   | 98    | 98    | 98    | 66    | 109           |
| 68            | 71    | 77    | 83    | 90    | 98    | 107   | 106   | 103   | 109   | 87    | 79    | 67    | 107           |
| 69            | 80    | 69    | 86    | 88    | 100   | 100   | 106   | 109   | 104   | 94    | 80    | 73    | 109           |
| 70            | 78    | 74    | 83    | 83    | 97    | 109   | 109   | 108   | 101   | 93    | 78    | 69    | 109           |
| 71            | 81    | 80    | 84    | 88    | 90    | 102   | 106   | 107   | 106   | 98    | 82    | 61    | 107           |
| 72            | 69    | 81    | 86    | 84    | 97    | 110   | 112   | 103   | 100   | 83    | 74    | 74    | 112           |
| 73            | 68    | 66    | 67    | 90    | 99    | 109   | 110   | 107   |       |       |       |       |               |
| MEAN          | 71.3  | 74.5  | 80.2  | 88.5  | 96.0  | 103.4 | 106.8 | 106.7 | 103.0 | 92.4  | 79.5  | 70.4  | 108.3         |
| S D           | 5.592 | 4.302 | 4.930 | 4.934 | 4.287 | 4.387 | 2.373 | 1.477 | 3.022 | 4.131 | 3.987 | 5.501 | 1.983         |
| TOTAL OBS     | 778   | 706   | 773   | 750   | 775   | 720   | 775   | 773   | 720   | 713   | 720   | 775   | 8979          |







DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

28182 PALMDALE APT CALIF

48-73

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH<br>YEAR | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT.  | NOV.  | DEC   | ALL<br>MONTHS |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 48            |       |       |       |       |       |       |       |       |       |       | 19    | 14    |               |
| 49            | 11    | 15    | 28    | 34    | 41    | 43    | 50    | 48    | 40    | 34    | 31    | 12    | 11            |
| 50            | 10    | 17    | 22    | 31    | 38    | 41    | 60    | 51    | 38    | 33    | 20    | 23    | 10            |
| 51            | 17    | 21    | 26    | 30    | 39    | 46    | 52    | 52    | 48    |       | 23    | 16    |               |
| 52            | 16    | 26    | 29    | 33    | 40    | 40    | 47    | 51    | 39    | 35    | 19    | 20    | 16            |
| 53            | 18    | 11    | 17    | 27    | 32    | 41    | 49    | 50    | 42    | 30    | 21    | 10    | 10            |
| 54            | 14    | 28    | 19    | 32    | 31    | 37    | 53    | 48    | 41    | 28    | 22    | 15    | 14            |
| 55            | 18    | 17    | 21    | 26    | 36    | 39    | 47    | 50    | 36    | 32    | 22    | 21    | 17            |
| 56            | 23    | 20    | 22    | 30    | 36    | 47    | 52    | 48    | 48    | 29    | 23    | 10    | 10            |
| 57            | 4     | 19    | 24    | 32    | 40    |       | 50    | 48    | 48    | 30    | 20    | 20    |               |
| 58            | 17    | 29    | 25    | 30    | 38    | 44    | 53    | 42    | 42    | 34    | 18    | 24    | 17            |
| 59            | 20    | 25    | 31    | 41    | 39    | 49    | 51    | 44    | 42    | 39    | 28    | 22    | 20            |
| 60            | 14    | 23    | 32    | 33    | 38    | 36    | 56    | 49    | 46    | 36    |       | 19    |               |
| 61            | 18    | 23    | 24    | 35    | 41    | 47    | 51    | 52    | 48    | 27    | 21    | 21    | 15            |
| 62            | 15    | 18    | 22    | 32    | 38    | 46    | 51    | 52    | 42    | 36    | 22    | 6     | 6             |
| 63            | 3     | 31    | 22    | 23    | 35    | 46    | 52    | 48    | 30    | 27    | 23    | 17    | 3             |
| 64            | 13    | 18    | 20    | 30    | 34    | 41    | 49    | 52    | 40    | 38    | 4     | 19    | 4             |
| 65            | 19    | 12    | 24    | 30    | 36    | 44    | 49    | 53    | 41    | 34    | 28    | 20    | 13            |
| 66            | 19    | 21    | 19    | 38    | 40    | 46    | 50    | 49    | 38    | 39    | 27    | 15    | 13            |
| 67            | 16    | 20    | 23    | 31    | 30    | 37    | 60    | 61    | 50    | 36    | 30    | 21    | 16            |
| 68            | 17    | 26    | 24    | 33    | 33    | 47    | 53    | 49    | 39    | 34    | 20    | 9     | 9             |
| 69            | 22    | 33    | 24    | 30    | 32    | 46    | 50    | 51    | 48    | 30    | 21    | 14    | 14            |
| 70            | 10    | 33    | 23    | 38    | 39    | 43    | 54    | 57    | 41    | 34    | 27    | 23    | 10            |
| 71            | 12    | 18    | 16    | 27    | 37    | 40    | 51    | 52    | 34    | 16    | 23    | 12    | 12            |
| 72            | 14    | 34    | 27    | 38    | 41    | 44    | 52    | 50    | 43    | 25    | 23    | 12    | 12            |
| 73            | 12    | 33    | 27    | 38    | 38    | 43    | 52    | 48    |       |       |       |       |               |
| MEAN          | 14.9  | 21.0  | 23.6  | 30.3  | 37.0  | 44.1  | 51.5  | 50.8  | 42.4  | 31.7  | 22.3  | 16.8  | 12.1          |
| S D.          | 4.864 | 5.307 | 3.888 | 3.202 | 3.129 | 4.236 | 3.270 | 4.408 | 4.421 | 3.228 | 3.238 | 3.278 | 4.238         |
| TOTAL OBS     | 775   | 706   | 775   | 730   | 775   | 720   | 775   | 775   | 720   | 712   | 720   | 775   | 8979          |







DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

48-54,61-64,71-73

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |      |      |     |  |     |  |     |  | TOTAL<br>D.B./W.B. | TOTAL |      |    |      |   |  |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|------|------|-----|--|-----|--|-----|--|--------------------|-------|------|----|------|---|--|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 112/111     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .0       | 1        | 1         |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 110/109     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .0       | 7        | 7         |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 108/107     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .1       | 65       | 65        |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 106/105     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .1       | 115      | 115       |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 104/103     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .0       | 2        | 260       | 260  |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 102/101     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .0       | .4       | 482       | 482  |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 100/ 99     |                                     |     |     |     |     |      |       |       |       |       |       | .0    |       |       |       |       | .0   | .7       | 794      | 794       |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 98/ 97      |                                     |     |     |     |     |      |       |       |       |       |       | .0    |       | .0    |       |       | .0   | .9       | 1107     | 1107      |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 96/ 95      |                                     |     |     |     |     |      |       |       |       |       |       |       |       | .0    |       |       | .0   | .9       | 1255     | 1255      |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 94/ 93      |                                     |     |     |     |     |      |       |       |       |       |       |       | .0    | .0    |       |       | .1   | .2       | .8       | 1471      | 1471 |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 92/ 91      |                                     |     |     |     |     |      |       |       |       |       |       | .0    | .0    | .1    |       |       | .1   | .2       | .3       | .7        | 1592 | 1592 |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 90/ 89      |                                     |     |     |     |     |      |       |       |       | .0    | .0    | .0    | .1    | .1    |       |       | .2   | .3       | .5       | .5        | 1852 | 1852 |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 88/ 87      |                                     |     |     |     |     | .0   |       |       | .0    | .0    | .0    | .1    | .1    | .2    |       |       | .3   | .4       | .4       | .3        | 1868 | 1868 |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 86/ 85      |                                     |     |     |     |     |      |       |       | .0    | .0    | .1    | .2    | .3    | .5    |       |       | .4   | .4       | .3       | .1        | 2007 | 2007 |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 84/ 83      |                                     |     |     |     |     |      |       | .0    | .0    | .0    | .1    | .1    | .3    | .4    |       |       | .5   | .4       | .2       | .0        | 2217 | 2218 |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 82/ 81      |                                     |     |     |     |     | .0   | .0    | .0    | .1    | .1    | .2    | .4    | .5    | .5    |       |       | .3   | .1       | .0       | .0        | 2322 | 2324 |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 80/ 79      |                                     |     |     |     | .0  | .0   | .0    | .0    | .1    | .2    | .4    | .6    | .6    | .6    |       |       | .4   | .2       | .0       | .0        | 2714 | 2714 |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| 78/ 77      |                                     |     | .0  |     | .0  | .0   | .0    | .1    | .1    | .3    | .5    | .6    | .5    | .3    |       |       | .2   | .1       | .0       | .0        | 2854 | 2855 |     |  |     |  |     |  |                    |       |      |    | 2    |   |  |
| 76/ 75      |                                     |     | .0  |     | .0  | .0   | .1    | .1    | .2    | .5    | .6    | .6    | .5    | .4    |       |       | .2   | .0       | .0       | .0        | 3053 | 3053 |     |  |     |  |     |  |                    |       |      |    | 3    |   |  |
| 74/ 73      |                                     |     | .0  | .0  | .0  | .0   | .1    | .2    | .4    | .6    | .6    | .5    | .3    | .1    |       |       | .0   | .0       | .0       | .0        | 3084 | 3085 |     |  |     |  |     |  |                    |       |      | 14 |      | 1 |  |
| 72/ 71      |                                     |     | .0  | .0  | .0  | .1   | .1    | .3    | .5    | .7    | .6    | .4    | .2    | .0    |       |       | .0   | .0       | .0       | .0        | 3219 | 3214 |     |  |     |  |     |  |                    |       | 126  |    | 4    |   |  |
| 70/ 69      |                                     |     | .0  | .0  | .0  | .1   | .2    | .5    | .7    | .7    | .6    | .4    | .1    | .0    |       |       | .0   | .0       | .0       | .0        | 3516 | 3518 |     |  |     |  |     |  |                    |       | 405  |    | 3    |   |  |
| 68/ 67      |                                     |     | .0  | .0  | .1  | .1   | .3    | .6    | .8    | .6    | .5    | .2    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 3641 | 3641 |     |  |     |  |     |  |                    |       | 1057 |    | 7    |   |  |
| 66/ 65      |                                     | .0  | .0  | .0  | .1  | .2   | .6    | .7    | .7    | .5    | .3    | .1    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 3614 | 3615 |     |  |     |  |     |  |                    |       | 2009 |    | 24   |   |  |
| 64/ 63      | .0                                  | .0  | .0  | .1  | .1  | .4   | .7    | .8    | .7    | .5    | .2    | .0    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 3740 | 3741 |     |  |     |  |     |  |                    |       | 3006 |    | 74   |   |  |
| 62/ 61      | .0                                  | .0  | .0  | .1  | .3  | .5   | .8    | .7    | .6    | .4    | .1    | .0    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 3848 | 3849 |     |  |     |  |     |  |                    |       | 4050 |    | 177  |   |  |
| 60/ 59      |                                     | .0  | .1  | .2  | .5  | .7   | .8    | .7    | .5    | .3    | .1    | .0    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 4156 | 4156 |     |  |     |  |     |  |                    |       | 5377 |    | 289  |   |  |
| 58/ 57      | .0                                  | .0  | .1  | .3  | .6  | .8   | .8    | .6    | .4    | .1    | .0    | .0    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 4253 | 4253 |     |  |     |  |     |  |                    |       | 6109 |    | 498  |   |  |
| 56/ 55      |                                     | .1  | .2  | .6  | .7  | .8   | .8    | .5    | .3    | .1    | .0    | .0    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 4444 | 4444 |     |  |     |  |     |  |                    |       | 6577 |    | 708  |   |  |
| 54/ 53      |                                     | .0  | .3  | .7  | .8  | .8   | .6    | .4    | .2    | .0    | .0    | .0    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 4333 | 4333 |     |  |     |  |     |  |                    |       | 7032 |    | 1236 |   |  |
| 52/ 51      | .0                                  | .1  | .4  | .8  | .8  | .8   | .5    | .3    | .1    | .0    | .0    | .0    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 4250 | 4250 |     |  |     |  |     |  |                    |       | 7268 |    | 1757 |   |  |
| 50/ 49      | .0                                  | .2  | .7  | .9  | .9  | .7   | .5    | .2    | .1    | .0    | .0    | .0    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 4391 | 4394 |     |  |     |  |     |  |                    |       | 7492 |    | 2479 |   |  |
| 48/ 47      | .0                                  | .3  | .9  | .9  | .8  | .6   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 4339 | 4340 |     |  |     |  |     |  |                    |       | 7362 |    | 3781 |   |  |
| 46/ 45      | .0                                  | .4  | .9  | 1.0 | .7  | .5   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0    |       |       | .0   | .0       | .0       | .0        | 4258 | 4260 |     |  |     |  |     |  |                    |       | 7366 |    | 5021 |   |  |
| Element (X) | Σ X <sup>2</sup>                    |     | Σ X |     | Σ X |      | Σ X   |       | Σ X   |       | Σ X   |       | Σ X   |       | Σ X   |       | Σ X  |          | Σ X      |           | Σ X  |      | Σ X |  | Σ X |  | Σ X |  | Σ X                |       | Σ X  |    | Σ X  |   |  |
| Rel. Hum.   |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| Dry Bulb    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| Wet Bulb    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |
| Dew Point   |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |      |      |     |  |     |  |     |  |                    |       |      |    |      |   |  |



## PSYCHROMETRIC SUMMARY

ALL  
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## PSYCHROMETRIC SUMMARY

48-54, 61-64, 71-73 YEARS

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MONTH

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HOURS (L. S. Y.)

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
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HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

49-54, 61-64, 71-73

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PAGE 2

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HOURS (L. S. T.)

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182

PALMDALE APT CALIF

49-54,61-64,71-73

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STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |                    |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       |                |       |       |          | .0    | .0    | .0                                 |        | 4        | 4        |           |                    |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       |       |                |       | .0    | .1       | .1    | .0    |                                    | 18     | 18       |          |           |                    |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       |       |                | .0    | .1    | .2       | .1    | .0    |                                    | 35     | 35       |          |           |                    |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      |       |       |       | .0             | .1    | .3    | .4       | .1    | .0    |                                    | 77     | 77       |          |           |                    |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       | .1             | .2    | .4    | .2       | .0    |       |                                    | 82     | 82       |          |           |                    |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       | .1    | .2             | .5    | .5    | .2       | .1    |       |                                    | 131    | 131      |          |           |                    |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      |       | .0    | .2    | .5             | .6    | .4    | .0       |       |       |                                    | 147    | 147      |          |           |                    |       |  |  |
| 66/ 65       |                                     |     |     |     | .0  |      | .0    | .2    | .3    | .6             | .5    | .2    | .0       |       |       |                                    | 163    | 163      |          |           |                    |       |  |  |
| 64/ 63       |                                     |     |     | .0  | .0  | .0   | .2    | .3    | .6    | .7             | .4    | .1    |          |       |       |                                    | 204    | 204      |          |           |                    |       |  |  |
| 62/ 61       |                                     |     |     | .0  | .0  | .3   | .3    | .6    | .9    | .9             | .1    | .1    |          |       |       |                                    | 266    | 266      |          |           |                    |       |  |  |
| 60/ 59       |                                     |     |     | .1  | .1  | .4   | .6    | .8    | .8    | .5             | .2    |       |          |       |       |                                    | 296    | 296      |          |           |                    |       |  |  |
| 58/ 57       |                                     |     | .1  | .1  | .4  | .8   | .7    | 1.0   | .7    | .3             | .0    |       |          |       |       |                                    | 353    | 353      | 4        |           |                    |       |  |  |
| 56/ 55       |                                     | .1  | .2  | .4  | .6  | .9   | 1.0   | .8    | .5    | .2             |       |       |          |       |       |                                    | 405    | 405      | 17       |           |                    |       |  |  |
| 54/ 53       |                                     | .1  | .4  | .6  | .8  | 1.1  | 1.0   | .6    | .5    | .1             |       |       |          |       |       |                                    | 437    | 437      | 103 3    |           |                    |       |  |  |
| 52/ 51       |                                     | .1  | .6  | .8  | 1.2 | 1.3  | .7    | .5    | .3    | .0             |       |       |          |       |       |                                    | 469    | 469      | 238 25   |           |                    |       |  |  |
| 50/ 49       | .0                                  | .3  | .9  | 1.2 | 1.5 | 1.2  | .7    | .4    | .2    |                |       |       |          |       |       |                                    | 541    | 541      | 437 31   |           |                    |       |  |  |
| 48/ 47       | .0                                  | .6  | 1.6 | 1.5 | 1.4 | 1.1  | .6    | .2    | .0    |                |       |       |          |       |       |                                    | 594    | 594      | 597 59   |           |                    |       |  |  |
| 46/ 45       | .0                                  | .9  | 1.3 | 1.7 | 1.2 | .8   | .5    | .2    | .0    |                |       |       |          |       |       |                                    | 586    | 588      | 784 137  |           |                    |       |  |  |
| 44/ 43       |                                     | .8  | 1.9 | 1.6 | .9  | .5   | .3    | .0    |       |                |       |       |          |       |       |                                    | 519    | 519      | 850 220  |           |                    |       |  |  |
| 42/ 41       |                                     | .9  | 2.1 | 1.4 | .8  | .3   | .1    |       |       |                |       |       |          |       |       |                                    | 477    | 477      | 844 285  |           |                    |       |  |  |
| 40/ 39       | .0                                  | 1.5 | 2.1 | 1.5 | .7  | .4   | .0    |       |       |                |       |       |          |       |       |                                    | 532    | 532      | 912 434  |           |                    |       |  |  |
| 38/ 37       | .1                                  | 1.7 | 2.2 | 1.1 | .4  | .2   |       |       |       |                |       |       |          |       |       |                                    | 485    | 485      | 773 497  |           |                    |       |  |  |
| 36/ 35       | .1                                  | 1.9 | 1.5 | .8  | .4  | .2   |       |       |       |                |       |       |          |       |       |                                    | 411    | 411      | 723 580  |           |                    |       |  |  |
| 34/ 33       | .2                                  | 1.6 | 1.2 | .7  | .2  | .0   |       |       |       |                |       |       |          |       |       |                                    | 319    | 319      | 618 802  |           |                    |       |  |  |
| 32/ 31       | .1                                  | 1.8 | 1.0 | .5  | .0  |      |       |       |       |                |       |       |          |       |       |                                    | 296    | 296      | 477 749  |           |                    |       |  |  |
| 30/ 29       | .1                                  | 1.3 | .8  | .3  |     |      |       |       |       |                |       |       |          |       |       |                                    | 206    | 206      | 392 787  |           |                    |       |  |  |
| 28/ 27       | .1                                  | .9  | .7  | .2  | .0  |      |       |       |       |                |       |       |          |       |       |                                    | 166    | 166      | 301 699  |           |                    |       |  |  |
| 26/ 25       | .0                                  | .9  | .5  | .1  |     |      |       |       |       |                |       |       |          |       |       |                                    | 124    | 124      | 197 626  |           |                    |       |  |  |
| 24/ 23       | .1                                  | .4  | .3  |     |     |      |       |       |       |                |       |       |          |       |       |                                    | 64     | 64       | 149 485  |           |                    |       |  |  |
| 22/ 21       | .0                                  | .2  | .1  |     |     |      |       |       |       |                |       |       |          |       |       |                                    | 27     | 27       | 75 457   |           |                    |       |  |  |
| 20/ 19       | .0                                  | .2  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | 20     | 20       | 46 368   |           |                    |       |  |  |
| 18/ 17       | .0                                  | .1  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | 9      | 9        | 15 292   |           |                    |       |  |  |
| 16/ 15       |                                     | .1  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | 8      | 8        | 7 254    |           |                    |       |  |  |
| 14/ 13       |                                     | .0  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | 1      | 1        | 7 184    |           |                    |       |  |  |
| Element (X)  | Σ X'                                |     |     | Σ X |     |      | X̄    |       |       | s <sub>x</sub> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |          |          |           |                    |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F   | ≥ 73 F   | ≥ 80 F    | ≥ 93 F             | Total |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |                    |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |                    |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |                    |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

FEB  
MONTH

All

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

45-54, 61-64, 71-73

MAR  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |        |       |                                    |        |        |        |        |        |       |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|--------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16  | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 86/ 85       |                                     |     |     |     |     |      |                |       |        |       |                                    |        |        |        | .0     |        |       | 3         | 3        |          |           |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |                |       |        |       |                                    |        | .0     | .0     | .1     | .0     |       | 9         | 9        |          |           |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |                |       |        |       |                                    | .0     | .0     | .1     | .1     | .0     |       | 20        | 20       |          |           |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |                |       |        | .0    | .0                                 | .0     | .1     | .2     | .1     |        | .0    | 37        | 37       |          |           |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      |                |       |        | .0    | .0                                 | .0     | .3     | .4     | .0     |        |       | 69        | 69       |          |           |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |                |       |        | .0    | .1                                 | .2     | .4     | .2     | .0     |        |       | 97        | 97       |          |           |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      |                |       | .0     | .1    | .1                                 | .4     | .5     | .1     |        |        |       | 120       | 120      |          |           |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |                |       | .1     | .1    | .4                                 | .6     | .3     | .1     | .0     |        |       | 160       | 160      |          |           |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      | .0             | .1    | .2     | .5    | .6                                 | .8     | .1     |        |        |        |       | 209       | 209      |          |           |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      | .0             | .1    | .4     | .5    | .7                                 | .4     | .0     |        |        |        |       | 212       | 212      |          |           |       |  |  |
| 66/ 65       |                                     |     |     |     |     | .0   | .1             | .2    | .6     | .8    | .7                                 | .2     |        |        |        |        |       | 252       | 252      |          |           |       |  |  |
| 64/ 63       |                                     |     |     |     | .0  | .0   | .2             | .5    | .9     | .8    | .4                                 | .1     | .0     |        |        |        |       | 281       | 281      |          |           |       |  |  |
| 62/ 61       |                                     |     |     |     | .0  | .2   | .6             | .7    | .9     | .6    | .3                                 | .0     |        |        |        |        |       | 304       | 304      | 3        |           |       |  |  |
| 60/ 59       |                                     |     |     |     | .1  | .5   | .7             | 1.0   | .9     | .4    | .2                                 | .0     |        |        |        |        |       | 361       | 361      | 7        |           |       |  |  |
| 58/ 57       |                                     |     |     | .1  | .3  | .9   | 1.2            | 1.1   | .6     | .2    | .1                                 |        |        |        |        |        |       | 427       | 427      | 18       |           |       |  |  |
| 56/ 55       |                                     | .0  | .0  | .2  | .9  | 1.2  | 1.3            | .9    | .5     | .2    | .1                                 |        |        |        |        |        |       | 495       | 495      | 80       |           |       |  |  |
| 54/ 53       |                                     | .0  | .0  | .4  | 1.3 | 1.5  | 1.3            | .5    | .3     | .1    |                                    |        |        |        |        |        |       | 528       | 528      | 175      |           |       |  |  |
| 52/ 51       |                                     | .0  | .2  | 1.0 | 1.5 | 1.4  | .9             | .3    | .2     |       |                                    |        |        |        |        |        |       | 542       | 542      | 368      | 1         |       |  |  |
| 50/ 49       |                                     | .0  | .5  | 1.6 | 1.8 | 1.4  | .6             | .3    | .1     |       |                                    |        |        |        |        |        |       | 592       | 592      | 523      | 12        |       |  |  |
| 48/ 47       |                                     | .2  | 1.1 | 1.9 | 1.8 | 1.1  | .5             | .1    | .1     |       |                                    |        |        |        |        |        |       | 646       | 646      | 800      | 17        |       |  |  |
| 46/ 45       |                                     | .6  | 2.2 | 2.3 | 1.5 | .9   | .4             | .1    | .0     |       |                                    |        |        |        |        |        |       | 752       | 752      | 935      | 51        |       |  |  |
| 44/ 43       | .0                                  | .9  | 2.3 | 1.8 | 1.1 | .6   | .3             | .0    |        |       |                                    |        |        |        |        |        |       | 662       | 662      | 1019     | 156       |       |  |  |
| 42/ 41       | .0                                  | 1.3 | 2.1 | 1.7 | .7  | .5   | .1             | .0    |        |       |                                    |        |        |        |        |        |       | 615       | 615      | 1128     | 351       |       |  |  |
| 40/ 39       | .0                                  | 1.3 | 2.3 | 1.3 | .6  | .3   | .1             |       |        |       |                                    |        |        |        |        |        |       | 547       | 547      | 1065     | 578       |       |  |  |
| 38/ 37       | .1                                  | 1.7 | 1.9 | .7  | .4  | .1   | .0             |       |        |       |                                    |        |        |        |        |        |       | 467       | 468      | 871      | 811       |       |  |  |
| 36/ 35       | .1                                  | 1.2 | 1.5 | .7  | .2  | .1   |                |       |        |       |                                    |        |        |        |        |        |       | 361       | 361      | 847      | 868       |       |  |  |
| 34/ 33       | .2                                  | 1.1 | .9  | .4  | .2  | .0   |                |       |        |       |                                    |        |        |        |        |        |       | 266       | 266      | 533      | 987       |       |  |  |
| 32/ 31       | .1                                  | 1.0 | .5  | .3  | .1  | .0   |                |       |        |       |                                    |        |        |        |        |        |       | 187       | 187      | 454      | 1062      |       |  |  |
| 30/ 29       | .1                                  | .4  | .4  | .2  | .0  | .0   |                |       |        |       |                                    |        |        |        |        |        |       | 109       | 109      | 262      | 957       |       |  |  |
| 28/ 27       | .1                                  | .3  | .2  | .1  | .0  |      |                |       |        |       |                                    |        |        |        |        |        |       | 72        | 72       | 160      | 757       |       |  |  |
| 26/ 25       | .1                                  | .2  | .1  | .0  | .0  |      |                |       |        |       |                                    |        |        |        |        |        |       | 46        | 47       | 112      | 677       |       |  |  |
| 24/ 23       | .0                                  | .1  | .1  | .0  |     |      |                |       |        |       |                                    |        |        |        |        |        |       | 20        | 20       | 65       | 467       |       |  |  |
| 22/ 21       | .0                                  | .1  | .0  |     |     |      |                |       |        |       |                                    |        |        |        |        |        |       | 10        | 10       | 29       | 411       |       |  |  |
| 20/ 19       | .1                                  | .0  |     |     |     |      |                |       |        |       |                                    |        |        |        |        |        |       | 8         | 8        | 27       | 299       |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | X̄  |      | s <sub>x</sub> |       | No Obs |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |                |       |        |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |                |       |        |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |                |       |        |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |                |       |        |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 77  
USAFETAC



## PSYCHROMETRIC SUMMARY

MAR  
MONTH

ALL  
HOURS (L S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

APR  
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12      | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | Dry Bulb | Wet Bulb | Dew Point |                    |       |  |  |
| 96/ 95       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       | .0       | 3        | 3         |                    |       |  |  |
| 94/ 93       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       | .1       | 9        | 9         |                    |       |  |  |
| 92/ 91       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       | .2       | 17       | 17        |                    |       |  |  |
| 90/ 89       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        | .0     | .0     | .0     |       | .2       | 40       | 40        |                    |       |  |  |
| 88/ 87       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        | .0     | .2     | .3     |       | .1       | 54       | 54        |                    |       |  |  |
| 86/ 85       |                                     |     |            |     |           |      |            |       |          |       |                                    |        | .0     | .1     | .3     | .2     |       | .1       | 67       | 67        |                    |       |  |  |
| 84/ 83       |                                     |     |            |     |           |      |            |       |          |       |                                    | .0     | .2     | .3     | .4     | .3     |       | .0       | 107      | 107       |                    |       |  |  |
| 82/ 81       |                                     |     |            |     |           |      |            |       |          |       | .0                                 | .1     | .4     | .5     | .4     | .1     |       | .0       | 147      | 147       |                    |       |  |  |
| 80/ 79       |                                     |     |            |     |           |      |            |       |          | .0    | .1                                 | .3     | .5     | .6     | .4     | .1     |       | .0       | 183      | 183       |                    |       |  |  |
| 78/ 77       |                                     |     |            |     |           |      |            |       |          | .0    | .2                                 | .6     | .6     | .5     | .2     | .1     |       |          | 216      | 216       |                    |       |  |  |
| 76/ 75       |                                     |     |            |     |           |      |            |       | .0       | .2    | .5                                 | .8     | .7     | .4     | .1     |        |       |          | 268      | 268       |                    |       |  |  |
| 74/ 73       |                                     |     |            |     |           |      |            |       | .2       | .4    | .7                                 | .8     | .5     | .3     | .0     |        |       |          | 263      | 263       |                    |       |  |  |
| 72/ 71       |                                     |     |            |     |           |      |            | .1    | .4       | .7    | .9                                 | .6     | .2     | .1     | .0     |        |       |          | 284      | 284       |                    |       |  |  |
| 70/ 69       |                                     |     |            |     |           |      | .0         | .3    | .8       | 1.2   | .7                                 | .5     | .2     | .0     |        |        |       |          | 335      | 335       |                    |       |  |  |
| 68/ 67       |                                     |     |            |     |           | .0   | .2         | .6    | 1.4      | .9    | .6                                 | .2     | .1     |        |        |        |       |          | 371      | 371       |                    |       |  |  |
| 66/ 65       |                                     |     |            |     |           | .1   | .5         | 1.1   | .9       | .7    | .3                                 | .1     | .0     |        |        |        |       |          | 349      | 349       |                    |       |  |  |
| 64/ 63       |                                     |     |            |     | .0        | .4   | 1.1        | 1.4   | .9       | .5    | .3                                 | .0     |        |        |        |        |       |          | 433      | 433       | 4                  |       |  |  |
| 62/ 61       |                                     |     |            |     | .1        | .8   | 1.3        | 1.2   | .8       | .4    | .2                                 |        |        |        |        |        |       |          | 439      | 440       | 33                 |       |  |  |
| 60/ 59       |                                     |     |            | .1  | .6        | 1.2  | 1.6        | 1.2   | .7       | .3    | .1                                 |        |        |        |        |        |       |          | 529      | 529       | 116                |       |  |  |
| 58/ 57       |                                     | .0  | .2         | 1.1 | 1.6       | 1.4  | .9         | .4    | .2       | .0    |                                    |        |        |        |        |        |       |          | 536      | 536       | 278                |       |  |  |
| 56/ 55       |                                     | .1  | .9         | 1.4 | 1.5       | 1.4  | .7         | .2    | .1       |       |                                    |        |        |        |        |        |       |          | 563      | 563       | 435                |       |  |  |
| 54/ 53       | .0                                  | .4  | 1.3        | 1.5 | 1.6       | .8   | .5         | .2    | .0       |       |                                    |        |        |        |        |        |       |          | 586      | 586       | 732                |       |  |  |
| 52/ 51       | .1                                  | .9  | 1.7        | 1.3 | 1.3       | .6   | .3         | .0    | .0       |       |                                    |        |        |        |        |        |       |          | 573      | 573       | 925                |       |  |  |
| 50/ 49       | .2                                  | 1.4 | 1.8        | 1.5 | 1.1       | .6   | .1         |       |          |       |                                    |        |        |        |        |        |       |          | 609      | 609       | 1054               |       |  |  |
| 48/ 47       | .5                                  | 1.8 | 1.4        | 1.3 | .7        | .3   | .0         |       |          |       |                                    |        |        |        |        |        |       |          | 561      | 561       | 1072               |       |  |  |
| 46/ 45       | .5                                  | 1.6 | 1.5        | 1.0 | .5        | .1   | .0         |       |          |       |                                    |        |        |        |        |        |       |          | 475      | 475       | 1057               |       |  |  |
| 44/ 43       | .5                                  | 1.3 | 1.3        | .6  | .3        | .1   |            |       |          |       |                                    |        |        |        |        |        |       |          | 373      | 373       | 952                |       |  |  |
| 42/ 41       | .0                                  | .3  | 1.0        | 1.0 | .4        | .1   | .0         |       |          |       |                                    |        |        |        |        |        |       |          | 266      | 266       | 710                |       |  |  |
| 40/ 39       | .4                                  | 1.2 | .6         | .1  | .1        |      |            |       |          |       |                                    |        |        |        |        |        |       |          | 220      | 220       | 640                |       |  |  |
| 38/ 37       | .0                                  | .4  | .8         | .4  | .1        | .0   |            |       |          |       |                                    |        |        |        |        |        |       |          | 163      | 164       | 457                |       |  |  |
| 36/ 35       | .3                                  | .4  | .1         | .1  |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          | 78       | 78        | 350                |       |  |  |
| 34/ 33       | .2                                  | .2  | .0         | .0  |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          | 42       | 42        | 210                |       |  |  |
| 32/ 31       | .0                                  | .0  | .0         | .0  |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          | 13       | 14        | 88                 |       |  |  |
| 30/ 29       | .0                                  | .1  | .0         | .0  |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          | 13       | 13        | 42                 |       |  |  |
| Element (X)  | $\Sigma X^2$                        |     | $\Sigma X$ |     | $\bar{X}$ |      | $\sigma_x$ |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| Rel Hum.     |                                     |     |            |     |           |      |            |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |          |          |           |                    |       |  |  |
| Dry Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| Wet Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| Dew Point    |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |



## PSYCHROMETRIC SUMMARY

APR  
MONTH

ALL  
PS 11

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1-2 | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 28/ 27       |                                     |     | .0   | .0   |      |      |       |       |       |       |       |       |       |       |       |       |      | 2         | 2        | 18       | 507       |  |
| 26/ 25       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 11       | 458       |  |
| 24/ 23       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 5        | 278       |  |
| 22/ 21       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 230       |  |
| 20/ 19       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 184       |  |
| 18/ 17       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 134       |  |
| 16/ 15       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 106       |  |
| 14/ 13       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 79        |  |
| 12/ 11       |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 50        |  |
| 10/ 9        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 36        |  |
| 8/ 7         |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 16        |  |
| 6/ 5         |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 10        |  |
| 4/ 3         |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 5         |  |
| 2/ 1         |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 7         |  |
| 6/ =7        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |
| TOTAL        | .0                                  | 3.4 | 11.2 | 12.6 | 11.2 | 11.3 | 10.1  | 8.4   | 6.7   | 5.7   | 4.8   | 4.2   | 3.4   | 2.9   | 2.0   | 1.3   | .8   | 9187      | 9190     | 9183     |           |  |

| Element (X) | Σx²      | Σx     | X̄   | sₓ     | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|----------|--------|------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
|             |          |        |      |        |          | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Rel. Hum.   | 22458118 | 413588 | 45.1 | 20.374 | 9171     |                                    |        |        |        |        |        |       |
| Dry Bulb    | 32504035 | 534607 | 58.2 | 12.363 | 9190     |                                    | 2.3    | 185.2  | 107.6  | 42.0   | .7     | 720   |
| Wet Bulb    | 20039621 | 424983 | 46.2 | 6.469  | 9189     |                                    | 12.9   |        |        |        |        | 720   |
| Dew Point   | 11078907 | 310389 | 33.8 | 8.000  | 9183     | .1                                 | 280.9  |        |        |        |        | 720   |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54.61-64.71-73

MAY  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |     |  |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|-----|--|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |                    |       |     |  |
| 102/101     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .0       | 1        | 1         |                    |       |     |  |
| 100/ 99     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .0   | .1       | 9        | 9         |                    |       |     |  |
| 98/ 97      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .0   | .1       | 12       | 12        |                    |       |     |  |
| 96/ 95      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .0   | .0       | 29       | 29        |                    |       |     |  |
| 94/ 93      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .0   | .1       | 48       | 48        |                    |       |     |  |
| 92/ 91      |                                     |     |     |     |     |      |       |       |       |       |       |       |       | .0    | .1    | .1    | .3   | .6       | 103      | 103       |                    |       |     |  |
| 90/ 89      |                                     |     |     |     |     |      |       |       |       |       |       |       |       | .0    | .2    | .3    | .6   | .5       | 156      | 156       |                    |       |     |  |
| 88/ 87      |                                     |     |     |     |     |      |       |       |       |       |       |       | .0    | .1    | .3    | .5    | .7   | .3       | 187      | 187       |                    |       |     |  |
| 86/ 85      |                                     |     |     |     |     |      |       |       |       |       |       |       | .1    | .2    | .7    | .6    | .4   | .2       | 215      | 215       |                    |       |     |  |
| 84/ 83      |                                     |     |     |     |     |      |       |       |       |       | .0    | .3    | .5    | 1.1   | .7    | .3    | .0   | .0       | 271      | 272       |                    |       |     |  |
| 82/ 81      |                                     |     |     |     |     |      |       |       |       |       | .1    | .6    | .9    | .8    | .5    | .2    |      |          | 290      | 290       |                    |       |     |  |
| 80/ 79      |                                     |     |     |     |     |      |       |       | .0    | .0    | .4    | .9    | 1.1   | .7    | .2    | .0    |      |          | 332      | 332       |                    |       |     |  |
| 78/ 77      |                                     |     |     |     |     |      |       | .0    | .0    | .3    | .8    | 1.2   | .9    | .6    | .2    |       |      |          | 384      | 384       |                    |       |     |  |
| 76/ 75      |                                     |     |     |     |     |      | .0    | .0    | .1    | .8    | 1.1   | 1.0   | .7    | .3    | .0    |       |      |          | 389      | 389       |                    |       |     |  |
| 74/ 73      |                                     |     |     |     |     |      | .0    | .1    | .4    | .8    | 1.2   | .6    | .5    | .1    |       |       |      |          | 350      | 350       |                    |       |     |  |
| 72/ 71      |                                     |     |     |     |     | .0   | .0    | .3    | .9    | 1.2   | .8    | .6    | .3    |       |       |       |      |          | 378      | 378       |                    |       |     |  |
| 70/ 69      |                                     |     |     |     |     |      | .1    | .7    | 1.4   | 1.1   | .7    | .5    | .1    |       |       |       |      |          | 438      | 439       | 1                  |       |     |  |
| 68/ 67      |                                     |     |     |     | .0  | .1   | .4    | 1.2   | 1.5   | .8    | .7    | .2    | .0    |       |       |       |      |          | 466      | 466       | 7                  |       |     |  |
| 66/ 65      |                                     |     |     | .0  | .3  | 1.0  | 1.1   | 1.4   | .7    | .4    | .1    |       |       |       |       |       |      |          | 476      | 476       | 25                 |       |     |  |
| 64/ 63      |                                     |     |     | .1  | .7  | 1.3  | 1.7   | .9    | .6    | .3    | .0    |       |       |       |       |       |      |          | 540      | 540       | 88                 |       |     |  |
| 62/ 61      |                                     |     |     | .0  | .4  | 1.2  | 1.8   | 1.0   | .6    | .3    | .1    |       |       |       |       |       |      |          | 514      | 514       | 229                |       |     |  |
| 60/ 59      |                                     |     |     | .1  | .9  | 1.7  | 1.4   | 1.1   | .5    | .1    |       |       |       |       |       |       |      |          | 552      | 552       | 521                |       |     |  |
| 58/ 57      |                                     |     | .0  | .4  | 1.4 | 1.9  | 1.2   | .8    | .2    | .0    |       |       |       |       |       |       |      |          | 581      | 581       | 726                | 1     |     |  |
| 56/ 55      |                                     | .0  | .2  | 1.1 | 1.7 | 1.5  | .8    | .5    | .1    | .0    |       |       |       |       |       |       |      |          | 564      | 564       | 907                | 5     |     |  |
| 54/ 53      |                                     | .0  | .4  | 1.4 | 1.6 | .9   | .6    | .2    | .1    |       |       |       |       |       |       |       |      |          | 501      | 501       | 1082               | 8     |     |  |
| 52/ 51      |                                     | .1  | .6  | 1.5 | 1.2 | .8   | .4    | .1    | .0    |       |       |       |       |       |       |       |      |          | 450      | 450       | 1043               | 30    |     |  |
| 50/ 49      |                                     | .1  | 1.1 | 1.5 | 1.1 | .4   | .3    |       |       |       |       |       |       |       |       |       |      |          | 437      | 437       | 1180               | 128   |     |  |
| 48/ 47      |                                     | .1  | 1.0 | 1.2 | .7  | .3   | .1    |       |       |       |       |       |       |       |       |       |      |          | 316      | 316       | 1088               | 365   |     |  |
| 46/ 45      |                                     | .1  | 1.1 | .9  | .4  | .1   | .0    |       |       |       |       |       |       |       |       |       |      |          | 247      | 247       | 904                | 576   |     |  |
| 44/ 43      |                                     | .1  | .6  | .3  | .2  | .1   |       |       |       |       |       |       |       |       |       |       |      |          | 119      | 119       | 668                | 919   |     |  |
| 42/ 41      |                                     | .1  | .4  | .2  | .1  | .0   |       |       |       |       |       |       |       |       |       |       |      |          | 75       | 75        | 491                | 1069  |     |  |
| 40/ 39      |                                     | .2  | .3  | .1  | .0  |      |       |       |       |       |       |       |       |       |       |       |      |          | 60       | 60        | 284                | 1190  |     |  |
| 38/ 37      |                                     | .1  | .1  | .1  | .0  |      |       |       |       |       |       |       |       |       |       |       |      |          | 24       | 24        | 152                | 1188  |     |  |
| 36/ 35      |                                     | .0  | .1  | .0  |     |      |       |       |       |       |       |       |       |       |       |       |      |          | 12       | 12        | 80                 | 932   |     |  |
| Element (X) | Σ X <sup>2</sup>                    |     | Σ X |     | Σ X |      | Σ X   |       | Σ X   |       | Σ X   |       | Σ X   |       | Σ X   |       | Σ X  |          | Σ X      |           | Σ X                |       | Σ X |  |
| Rel. Hum.   |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |     |  |
| Dry Bulb    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |     |  |
| Wet Bulb    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |     |  |
| Dew Point   |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |     |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

MAY  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 34/ 33       |                                     | .0    | .0    |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 3         | 3        | 30       | 728       |  |
| 32/ 31       |                                     | .0    |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 1         | 1        | 19       | 532       |  |
| 30/ 29       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 5        | 463       |  |
| 28/ 27       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 378       |  |
| 26/ 25       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 292       |  |
| 24/ 23       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 223       |  |
| 22/ 21       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 194       |  |
| 20/ 19       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 126       |  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 80        |  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 47        |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 20        |  |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 11        |  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 3         |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| TOTAL        |                                     | .9    | 5.8   | 9.0   | 9.9   | 10.1   | 9.5     | 8.8     | 8.2     | 6.7     | 6.5     | 6.1     | 5.3     | 4.9     | 3.2     | 2.6     | 2.4  | 9530      | 9532     | 9530     | 9530      |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     | </    |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           |    |       |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |  |  |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|---|------|----------|----------|-----------|----|-------|--|--|--|--|--|--|--------------------|-------|--|--|--|--|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30   | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 112/111      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      | .0       | 1        | 1         |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 110/109      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      | .1       | 5        | 5         |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 108/107      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      | .3       | 24       | 24        |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 106/105      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      | .4       | 33       | 33        |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 104/103      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      | .0       | 49       | 49        |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 102/101      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      | .0       | 80       | 80        |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 100/ 99      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       | .0  |      | .0       | 1.1      | 98        | 98 |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 98/ 97       |                                     |     |     |     |     |      |       |       |       |       |       |       |          | .0    | .0    | .0  | .0   | 1.4      | 134      | 134       |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 96/ 95       |                                     |     |     |     |     |      |       |       |       |       |       |       |          | .1    | .1    | .2  | 1.6  | 171      | 171      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |       |       | .0    | .0       | .1    | .3    | .5  | 1.9  | 252      | 252      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |       |       |       | .0       | .2    | .4    | .7  | 1.4  | 244      | 244      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       |       | .0    | .1       | .3    | .8    | .9  | 1.0  | 302      | 302      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |       | .0    | .1    | .2       | .8    | 1.1   | .8  | .5   | 322      | 322      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       |       | .1    | .3    | .6       | 1.0   | .9    | .6  | .2   | 334      | 334      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       | .0    | .0    | .2    | .6    | 1.1      | 1.1   | .8    | .3  | .0   | 374      | 374      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       | .0    | .1    | .5    | .9    | 1.0      | .9    | .4    | .2  | .0   | 357      | 357      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       | .0    | .1    | .5    | .7    | 1.3   | 1.1      | .6    | .2    | .1  |      | 405      | 405      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       | .1    | .2    | .8    | 1.2   | 1.1   | .9       | .4    | .1    |   |      | 426      | 426      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 76/ 75       |                                     |     |     |     |     |      | .0    | .2    | .5    | 1.2   | 1.3   | 1.0   | .4       | .2    |       |   |      | 417      | 417      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 74/ 73       |                                     |     |     |     | .0  | .0   | .1    | .4    | 1.0   | 1.5   | 1.1   | .8    | .3       | .1    |       |   |      | 459      | 459      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 72/ 71       |                                     |     |     |     | .0  | .0   | .2    | .7    | 1.2   | 1.3   | .9    | .4    | .2       | .0    |       |   |      | 448      | 448      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 70/ 69       |                                     |     |     | .0  | .0  | .1   | .6    | 1.3   | 1.3   | 1.0   | .5    | .3    | .1       |       |       |   |      | 459      | 459      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 68/ 67       |                                     |     |     |     | .1  | .3   | .9    | 1.5   | 1.3   | .7    | .3    | .1    | .0       |       |       |   |      | 470      | 470      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 66/ 65       |                                     |     |     |     | .2  | .6   | 1.2   | 1.4   | 1.0   | .5    | .2    | .1    |          |       |       |   |      | 445      | 445      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 64/ 63       |                                     |     |     | .0  | .5  | 1.0  | 1.4   | 1.2   | .6    | .3    | .0    |       |          |       |       |   |      | 448      | 448      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 62/ 61       |                                     |     | .0  | .2  | .8  | 1.2  | 1.3   | .8    | .3    | .1    | .0    |       |          |       |       |   |      | 420      | 420      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 60/ 59       |                                     |     | .0  | .3  | 1.2 | 1.2  | 1.2   | .6    | .1    | .1    |       |       |          |       |       |   |      | 416      | 416      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 58/ 57       |                                     |     | .1  | .8  | 1.0 | 1.1  | .7    | .3    | .1    | .0    | .0    |       |          |       |       |   |      | 361      | 361      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 56/ 55       |                                     |     | .5  | 1.0 | .9  | .7   | .3    | .2    | .1    |       |       |       |          |       |       |   |      | 326      | 326      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 54/ 53       |                                     | .0  | .6  | .9  | .6  | .3   | .2    | .0    | .0    |       |       |       |          |       |       |   |      | 243      | 243      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 52/ 51       |                                     | .0  | .5  | .7  | .3  | .2   | .1    | .0    |       |       |       |       |          |       |       |   |      | 168      | 168      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 50/ 49       |                                     | .0  | .4  | .4  | .2  | .1   | .1    |       |       |       |       |       |          |       |       |   |      | 110      | 110      |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 48/ 47       |                                     | .0  | .2  | .3  | .1  | .1   | .0    |       |       |       |       |       |          |       |       |   |      | 69       | 70       |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| 46/ 45       |                                     | .0  | .1  | .2  | .1  | .0   |       |       |       |       |       |       |          |       |       |   |      | 35       | 35       |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     |     | Σ X |     |      | Σ     |       |       | Σ X   |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature                      |      |          |          |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       | ≤ 0 F    ≤ 32 F    ≥ 67 F    ≥ 73 F    ≥ 80 F    ≥ 93 F |      |          |          |           |    | Total |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           |    |       |  |  |  |  |  |  |                    |       |  |  |  |  |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN-71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | TOTAL    | TOTAL     |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | * 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |
| 44/ 43       |                                     | .0    | .0    | .1    | .0    | .0     |         |         |         |         |         |         |         |         |         |         |      | 16        | 16       | 184      | 1027      |  |  |
| 42/ 41       |                                     | .0    | .1    | .0    | .0    |        |         |         |         |         |         |         |         |         |         |         |      | 12        | 12       | 97       | 1023      |  |  |
| 40/ 39       |                                     |       | .0    |       | .0    |        |         |         |         |         |         |         |         |         |         |         |      | 2         | 2        | 54       | 871       |  |  |
| 38/ 37       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 31       | 768       |  |  |
| 36/ 35       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 9        | 685       |  |  |
| 34/ 33       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 4        | 519       |  |  |
| 32/ 31       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 430       |  |  |
| 30/ 29       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 324       |  |  |
| 28/ 27       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 245       |  |  |
| 26/ 25       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 177       |  |  |
| 24/ 23       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 132       |  |  |
| 22/ 21       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 97        |  |  |
| 20/ 19       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 75        |  |  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 50        |  |  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 29        |  |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 10        |  |  |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 20        |  |  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 6         |  |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 5         |  |  |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 4         |  |  |
| -4/ -5       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |  |
| TOTAL        |                                     | .1    | 2.5   | 4.9   | 6.1   | 7.0    | 8.3     | 8.7     | 7.8     | 8.0     | 7.0     | 7.0     | 6.2     | 5.8     | 5.0     | 4.4     | 11.3 |           | 8936     |          | 8936      |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 8935      |          | 8936     |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |  |

USAF ETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

| Temp.<br>(F)                       | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|------------------------------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
|                                    | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |                    |       |  |  |
| 110/109                            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .0       | 2        | 2         |                    |       |  |  |
| 108/107                            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .3       | 24       | 24        |                    |       |  |  |
| 106/105                            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .6       | 51       | 51        |                    |       |  |  |
| 104/103                            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .0   | 1.4      | 131      | 131       |                    |       |  |  |
| 102/101                            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .0    | .1    | 2.5  | 235      | 235      |           |                    |       |  |  |
| 100/ 99                            |                                     |     |     |     |     |      |       |       |       |       |       | .0    |       | .0    | .0    | .2    | 3.6  | 361      | 361      |           |                    |       |  |  |
| 98/ 97                             |                                     |     |     |     |     |      |       |       |       |       |       |       |       | .1    | .4    | .6    | 3.8  | 453      | 453      |           |                    |       |  |  |
| 96/ 95                             |                                     |     |     |     |     |      |       |       |       |       |       |       | .1    | .2    | .3    | .8    | 3.5  | 464      | 464      |           |                    |       |  |  |
| 94/ 93                             |                                     |     |     |     |     |      |       |       |       |       |       |       | .1    | .2    | .4    | .7    | 1.0  | 2.7      | 476      | 476       |                    |       |  |  |
| 92/ 91                             |                                     |     |     |     |     |      |       |       |       |       | .0    |       | .1    | .3    | .6    | 1.1   | 1.2  | 1.9      | 483      | 483       |                    |       |  |  |
| 90/ 89                             |                                     |     |     |     |     |      |       |       |       | .0    | .1    |       | .3    | .5    | .8    | 1.1   | 1.3  | 1.2      | 495      | 495       |                    |       |  |  |
| 88/ 87                             |                                     |     |     |     |     |      |       |       |       | .1    | .2    |       | .3    | .7    | .9    | 1.1   | 1.0  | .5       | 441      | 441       |                    |       |  |  |
| 86/ 85                             |                                     |     |     |     |     |      |       |       | .0    | .2    | .4    |       | .6    | .9    | 1.2   | .9    | .6   | .2       | 459      | 459       |                    |       |  |  |
| 84/ 83                             |                                     |     |     |     |     |      | .0    | .0    | .2    | .3    | .4    |       | .8    | 1.1   | 1.1   | .6    | .3   | .1       | 448      | 448       |                    |       |  |  |
| 82/ 81                             |                                     |     |     |     |     | .0   | .0    | .1    | .3    | .4    | .8    |       | 1.1   | 1.3   | 1.0   | .4    | .1   | .0       | 505      | 505       |                    |       |  |  |
| 80/ 79                             |                                     |     |     |     | .0  | .0   | .0    | .2    | .4    | .6    | 1.0   |       | 1.3   | 1.2   | .7    | .4    | .1   |          | 545      | 545       |                    |       |  |  |
| 78/ 77                             |                                     |     | .0  |     | .0  | .0   | .2    | .5    | .5    | .8    | 1.2   |       | 1.3   | .9    | .4    | .1    |      |          | 537      | 537       | 1                  |       |  |  |
| 76/ 75                             |                                     |     | .0  |     | .0  | .1   | .3    | .4    | .6    | 1.1   | 1.4   |       | 1.3   | .5    | .2    | .1    |      |          | 557      | 557       | 1                  |       |  |  |
| 74/ 73                             |                                     | .0  | .1  | .1  | .2  | .3   | .4    | .7    | 1.4   | 1.3   | .7    |       | .3    | .1    | .0    |       |      |          | 523      | 523       | 9                  |       |  |  |
| 72/ 71                             |                                     | .0  | .0  | .1  | .2  | .4   | .5    | 1.1   | 1.2   | .8    | .3    |       | .2    | .0    |       |       |      |          | 451      | 451       | 73                 |       |  |  |
| 70/ 69                             |                                     | .0  | .1  | .1  | .3  | .4   | .7    | 1.1   | 1.1   | .6    | .2    |       | .1    |       |       |       |      |          | 422      | 422       | 217                |       |  |  |
| 68/ 67                             |                                     | .0  | .1  | .2  | .5  | 1.0  | .8    | .7    | .3    | .1    | .0    |       |       |       |       |       |      |          | 351      | 351       | 490                |       |  |  |
| 66/ 65                             |                                     | .0  | .0  | .1  | .2  | .7   | .8    | .8    | .4    | .0    | .0    |       |       |       |       |       |      |          | 280      | 280       | 788                |       |  |  |
| 64/ 63                             |                                     | .0  | .1  | .2  | .6  | .4   | .5    | .2    | .0    |       |       |       |       |       |       |       |      |          | 192      | 192       | 1014               |       |  |  |
| 62/ 61                             |                                     | .0  | .1  | .2  | .4  | .3   | .3    | .0    |       |       |       |       |       |       |       |       |      |          | 134      | 134       | 1199               |       |  |  |
| 60/ 59                             |                                     | .0  | .0  | .2  | .3  | .2   | .1    |       |       |       |       |       |       |       |       |       |      |          | 83       | 83        | 1266               |       |  |  |
| 58/ 57                             |                                     | .0  | .1  | .2  | .2  | .1   | .0    |       |       |       |       |       |       |       |       |       |      |          | 65       | 65        | 1122               |       |  |  |
| 56/ 55                             |                                     | .0  | .1  | .1  | .1  | .0   | .0    |       |       |       |       |       |       |       |       |       |      |          | 35       | 35        | 984                |       |  |  |
| 54/ 53                             |                                     | .0  | .1  | .1  | .0  | .0   |       |       |       |       |       |       |       |       |       |       |      |          | 20       | 20        | 921                |       |  |  |
| 52/ 51                             |                                     | .0  | .0  | .0  | .0  |      |       |       |       |       |       |       |       |       |       |       |      |          | 10       | 10        | 537                |       |  |  |
| 50/ 49                             |                                     |     |     | .0  | .0  |      |       |       |       |       |       |       |       |       |       |       |      |          | 4        | 4         | 352                |       |  |  |
| 48/ 47                             |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 215                |       |  |  |
| 46/ 45                             |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 103                |       |  |  |
| 44/ 43                             |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           | 712                |       |  |  |
| Element (X)                        | Σ x <sup>2</sup>                    |     | Σ x |     | Σ   |      | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ    |          | Σ        |           | Σ                  |       |  |  |
| Rel. Hum.                          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| Dry Bulb                           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| Wet Bulb                           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| Dew Point                          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| No. Obs.                           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| Mean No. of Hours with Temperature |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| ≤ 0 F                              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| ≤ 32 F                             |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| ≤ 67 F                             |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| ≤ 73 F                             |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| ≤ 80 F                             |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| ≤ 93 F                             |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |
| Total                              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |                    |       |  |  |

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



USAFETAC FORM 0-26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

AUG  
MONTH

PAGE 1

ALL  
HOURS (L. S. Y.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |     |  |  |  |   |  |  |  |  |  | TOTAL<br>D.B.-W.B. | TOTAL |      |     |       |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|----------|-----|--|--|--|---|--|--|--|--|--|--------------------|-------|------|-----|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 108/107      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .1       | 13       | 13        |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 106/105      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .3       | 26       | 26        |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 104/103      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .8       | 75       | 75        |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 102/101      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1.4      | 140      | 140       |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 100/99       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | .2       | 2.5      | 267       | 267      |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 98/97        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .0   | .2       | .5       | 3.3       | 379      | 379 |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 96/95        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .2   | .4       | .7       | 3.0       | 403      | 403 |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 94/93        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .1    | .4    | .7   | .9       | 2.5      | 443       | 443      |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 92/91        |                                     |     |     |     |     |      |       |       |       |       |       |       |       | .1    | .3    | .5    | .8   | 1.1      | 2.0      | 445       | 445      |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 90/89        |                                     |     |     |     |     |      |       |       | .0    | .0    | .1    | .2    | .5    | .7    | .8    | 1.2   | 1.3  | 470      | 470      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 88/87        |                                     |     |     |     |     | .0   |       |       | .0    | .1    | .2    | .4    | .7    | .7    | 1.1   | .7    | .4   | 414      | 414      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 86/85        |                                     |     |     |     |     |      |       |       | .1    | .1    | .5    | .5    | .8    | 1.1   | 1.0   | .5    | .1   | 453      | 453      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 84/83        |                                     |     |     |     |     |      | .0    | .0    | .2    | .2    | .5    | .8    | 1.0   | 1.2   | .6    | .2    | .0   | 464      | 464      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 82/81        |                                     |     |     |     |     | .0   | .0    | .1    | .3    | .6    | .7    | 1.0   | 1.0   | .8    | .3    | .0    |      | 460      | 461      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 80/79        |                                     |     |     |     | .0  | .0   | .1    | .2    | .5    | .8    | 1.1   | 1.3   | 1.2   | .6    | .2    | .0    |      | 568      | 568      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| 78/77        |                                     |     |     |     |     | .0   | .1    | .3    | .5    | .9    | 1.1   | 1.1   | .9    | .2    | .0    | .0    |      | 501      | 501      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 1    |     |       |  |
| 76/75        |                                     |     |     |     | .0  | .2   | .3    | .6    | .6    | 1.1   | 1.1   | .9    | .5    | .1    |       |       |      | 524      | 524      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 1    |     |       |  |
| 74/73        |                                     |     |     |     | .1  | .2   | .3    | .6    | .9    | 1.2   | .9    | .7    | .4    | .0    | .0    |       |      | 521      | 521      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 2    |     |       |  |
| 72/71        |                                     |     | .0  | .1  | .1  | .3   | .4    | .7    | .9    | 1.1   | 1.0   | .4    | .0    |       |       |       |      | 491      | 491      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 46   |     |       |  |
| 70/69        |                                     |     |     | .0  | .1  | .2   | .5    | .9    | 1.1   | .9    | .7    | .2    | .0    |       |       |       |      | 459      | 459      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 165  |     |       |  |
| 68/67        |                                     |     | .0  | .1  | .2  | .4   | .8    | 1.1   | 1.1   | .9    | .3    | .1    | .0    |       |       |       |      | 466      | 466      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 405  |     |       |  |
| 66/65        |                                     |     | .0  | .1  | .2  | .4   | .8    | 1.0   | .8    | .3    | .1    | .0    |       |       |       |       |      | 362      | 362      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 743  |     |       |  |
| 64/63        |                                     |     | .0  | .1  | .2  | .5   | .8    | .9    | .5    | .2    | .0    |       |       |       |       |       |      | 313      | 313      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 933  |     |       |  |
| 62/61        |                                     |     | .0  | .2  | .4  | .7   | .6    | .3    | .1    |       |       |       |       |       |       |       |      | 275      | 275      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 1098 |     |       |  |
| 60/59        |                                     |     | .1  | .3  | .4  | .5   | .6    | .5    | .1    | .0    |       |       |       |       |       |       |      | 226      | 226      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 1270 |     |       |  |
| 58/57        | .0                                  | .1  | .4  | .2  | .4  | .4   | .1    | .0    |       |       |       |       |       |       |       |       |      | 162      | 162      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 1243 |     |       |  |
| 56/55        |                                     |     | .1  | .3  | .2  | .2   | .3    | .1    |       |       |       |       |       |       |       |       |      | 106      | 106      |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 980  |     |       |  |
| 54/53        |                                     |     | .2  | .1  | .2  | .2   | .1    | .0    |       |       |       |       |       |       |       |       |      | 70       | 70       |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 854  |     |       |  |
| 52/51        | .0                                  | .1  | .1  | .1  | .1  | .1   | .0    |       |       |       |       |       |       |       |       |       |      | 37       | 37       |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 771  |     |       |  |
| 50/49        | .0                                  | .1  | .0  | .1  | .0  | .0   |       |       |       |       |       |       |       |       |       |       |      | 19       | 19       |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 481  |     |       |  |
| 48/47        |                                     |     | .0  | .0  |     |      |       |       |       |       |       |       |       |       |       |       |      | 6        | 6        |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 299  |     |       |  |
| 46/45        |                                     |     | .0  | .0  |     |      |       |       |       |       |       |       |       |       |       |       |      | 2        | 2        |           |          |     |  |  |  |   |  |  |  |  |  |                    |       | 177  |     |       |  |
| 44/43        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      | 56  |       |  |
| 42/41        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      | 819 |       |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      | 31  |       |  |
| Element (X)  | Σ x <sup>2</sup>                    |     |     |     |     | Σ x  |       |       |       |       | Σ     |       |       |       |       | Σ x   |      |          |          |           | No. Obs. |     |  |  |  | Mean No. of Hours with Temperature                      |  |  |  |  |  |                    |       |      |     | Total |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |     |  |  |  | ≤ 0 F    ≤ 32 F    ≥ 67 F    ≥ 73 F    ≥ 80 F    ≥ 93 F |  |  |  |  |  |                    |       |      |     | Total |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |     |  |  |  |   |  |  |  |  |  |                    |       |      |     |       |  |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUN 71



## PSYCHROMETRIC SUMMARY

AUG  
MONTH

ALL  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

SEP  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------|-------|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |        |       |  |  |  |  |                    |       |  |  |
| 108/107      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        | .1       | 4        | 4         |        |       |  |  |  |  |                    |       |  |  |
| 106/105      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        | .1       | 5        | 5         |        |       |  |  |  |  |                    |       |  |  |
| 104/103      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        | .1       | 5        | 5         |        |       |  |  |  |  |                    |       |  |  |
| 102/101      |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        | .3       | 26       | 26        |        |       |  |  |  |  |                    |       |  |  |
| 100/99       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        | .7       | 59       | 59        |        |       |  |  |  |  |                    |       |  |  |
| 98/97        |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       | .0                                 | 1.6    | 127      | 127      |           |        |       |  |  |  |  |                    |       |  |  |
| 96/95        |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       | .0    | .3                                 | 1.9    | 174      | 174      |           |        |       |  |  |  |  |                    |       |  |  |
| 94/93        |                                     |     |     |     |     |      |       |       |       |       |       |       | .0       | .0    | .1    | .7                                 | 1.8    | 208      | 208      |           |        |       |  |  |  |  |                    |       |  |  |
| 92/91        |                                     |     |     |     |     |      |       |       |       |       | .0    | .1    | .1       | .4    | .7    | 1.7                                | 240    | 240      |          |           |        |       |  |  |  |  |                    |       |  |  |
| 90/89        |                                     |     |     |     |     |      |       |       |       |       | .0    | .0    | .2       | .3    | .7    | 1.0                                | 1.4    | 304      | 304      |           |        |       |  |  |  |  |                    |       |  |  |
| 88/87        |                                     |     |     |     |     |      |       |       |       |       | .1    | .2    | .3       | .5    | .6    | 1.1                                | 1.0    | 316      | 316      |           |        |       |  |  |  |  |                    |       |  |  |
| 86/85        |                                     |     |     |     |     |      |       |       |       | .0    | .1    | .4    | .6       | 1.0   | .8    | 1.0                                | .3     | 328      | 328      |           |        |       |  |  |  |  |                    |       |  |  |
| 84/83        |                                     |     |     |     |     |      |       |       | .0    | .1    | .4    | .6    | .8       | 1.0   | .8    | .4                                 | .1     | 329      | 329      |           |        |       |  |  |  |  |                    |       |  |  |
| 82/81        |                                     |     |     |     |     |      |       | .0    | .1    | .2    | .4    | .6    | .9       | 1.0   | .6    | .1                                 |        | 309      | 309      |           |        |       |  |  |  |  |                    |       |  |  |
| 80/79        |                                     |     |     |     |     |      | .0    | .1    | .2    | .3    | .5    | .8    | 1.0      | .9    | .7    | .3                                 | .0     | 365      | 365      |           |        |       |  |  |  |  |                    |       |  |  |
| 78/77        |                                     |     |     |     | .0  | .0   | .1    | .2    | .3    | .5    | .9    | 1.0   | 1.0      | .4    | .1    |                                    |        | 352      | 352      |           |        |       |  |  |  |  |                    |       |  |  |
| 76/75        |                                     |     |     |     |     | .0   | .1    | .3    | .7    | .8    | 1.1   | 1.0   | .8       | .2    |       |                                    |        | 394      | 394      |           |        |       |  |  |  |  |                    |       |  |  |
| 74/73        |                                     |     |     |     | .0  | .1   | .3    | .4    | .6    | .8    | 1.0   | .8    | .3       | .0    | .0    |                                    |        | 346      | 346      |           |        |       |  |  |  |  |                    |       |  |  |
| 72/71        |                                     |     |     |     | .0  | .2   | .4    | .5    | 1.0   | 1.3   | 1.0   | .6    | .1       |       |       |                                    |        | 392      | 392      | 1         |        |       |  |  |  |  |                    |       |  |  |
| 70/69        |                                     |     | .0  | .1  | .1  | .2   | .7    | .8    | 1.1   | 1.2   | .8    | .3    | .0       |       |       |                                    |        | 416      | 416      | 4         |        |       |  |  |  |  |                    |       |  |  |
| 68/67        |                                     |     | .1  | .1  | .2  | .4   | .5    | 1.0   | 1.4   | 1.1   | .4    | .1    | .0       |       |       |                                    |        | 419      | 419      | 53        |        |       |  |  |  |  |                    |       |  |  |
| 66/65        |                                     | .1  | .1  | .2  | .2  | .5   | 1.2   | 1.1   | .9    | .6    | .2    | .0    |          |       |       |                                    |        | 393      | 393      | 199       |        |       |  |  |  |  |                    |       |  |  |
| 64/63        | .0                                  | .3  | .1  | .3  | .4  | .7   | 1.0   | 1.2   | .8    | .3    | .1    |       |          |       |       |                                    |        | 415      | 415      | 481       |        |       |  |  |  |  |                    |       |  |  |
| 62/61        | .1                                  | .1  | .2  | .4  | .6  | .9   | .8    | 1.0   | .5    | .2    | .0    |       |          |       |       |                                    |        | 381      | 381      | 632       |        |       |  |  |  |  |                    |       |  |  |
| 60/59        |                                     | .4  | .3  | .5  | .9  | .9   | .8    | .8    | .5    | .1    |       |       |          |       |       |                                    |        | 416      | 416      | 888       |        |       |  |  |  |  |                    |       |  |  |
| 58/57        | .0                                  | .1  | .4  | .7  | .6  | .8   | .8    | .5    | .2    | .0    |       |       |          |       |       |                                    |        | 321      | 321      | 980       |        |       |  |  |  |  |                    |       |  |  |
| 56/55        |                                     | .2  | .4  | .6  | .5  | .6   | .9    | .3    | .1    |       |       |       |          |       |       |                                    |        | 275      | 275      | 974       |        |       |  |  |  |  |                    |       |  |  |
| 54/53        |                                     | .0  | .3  | .3  | .5  | .5   | .4    | .3    |       |       |       |       |          |       |       |                                    |        | 189      | 189      | 914       |        |       |  |  |  |  |                    |       |  |  |
| 52/51        |                                     | .0  | .2  | .3  | .3  | .6   | .4    | .1    |       |       |       |       |          |       |       |                                    |        | 144      | 144      | 814       |        |       |  |  |  |  |                    |       |  |  |
| 50/49        |                                     |     | .1  | .4  | .4  | .3   | .2    | .0    |       |       |       |       |          |       |       |                                    |        | 107      | 107      | 628       |        |       |  |  |  |  |                    |       |  |  |
| 48/47        |                                     |     | .1  | .2  | .3  | .3   | .1    | .0    |       |       |       |       |          |       |       |                                    |        | 64       | 64       | 404       |        |       |  |  |  |  |                    |       |  |  |
| 46/45        |                                     | .0  | .1  | .2  | .2  | .1   | .0    |       |       |       |       |       |          |       |       |                                    |        | 47       | 47       | 332       |        |       |  |  |  |  |                    |       |  |  |
| 44/43        |                                     |     | .1  | .1  | .1  |      |       |       |       |       |       |       |          |       |       |                                    |        | 19       | 19       | 244       |        |       |  |  |  |  |                    |       |  |  |
| 42/41        | .0                                  | .0  | .0  | .0  |     |      |       |       |       |       |       |       |          |       |       |                                    |        | 6        | 6        | 169       |        |       |  |  |  |  |                    |       |  |  |
| Element (X)  | Σ x <sup>2</sup>                    |     |     | Σ x |     |      | Σ     |       |       | Σ x   |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |          |          |           |        | Total |  |  |  |  |                    |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F   | ≥ 73 F   | ≥ 80 F    | ≥ 93 F |       |  |  |  |  |                    |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |                    |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |                    |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |                    |       |  |  |



## PSYCHROMETRIC SUMMARY

SEP  
MONTH

ALL  
RS (L, S)

[illegible]



## PSYCHROMETRIC SUMMARY

OCT  
MONTH

ALL  
HOURS (1 - 5 - T)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-72  
YEARS

OCT  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | TOTAL     | TOTAL    |          |           |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 30/ 29       |                                     | .0    | .1    | .0    |       |        |         |         |         |         |         |         |         |         |         |         |      | 12        | 12       | 100      | 544       |
| 28/ 27       |                                     |       | .0    | .0    |       |        |         |         |         |         |         |         |         |         |         |         |      | 7         | 7        | 36       | 493       |
| 26/ 25       |                                     |       | .0    | .1    |       |        |         |         |         |         |         |         |         |         |         |         |      | 6         | 6        | 19       | 474       |
| 24/ 23       |                                     |       | .0    |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 2         | 2        | 6        | 486       |
| 22/ 21       |                                     |       | .0    |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 2         | 2        | 5        | 342       |
| 20/ 19       |                                     |       | .0    |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 2         | 2        | 4        | 254       |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 3        | 161       |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          | 1        | 131       |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 69        |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 35        |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 30        |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 15        |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 14        |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 9         |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 6         |
| 0/ -1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 6         |
| -2/ -3       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |
| -6/ -7       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |
| TOTAL        | .2                                  | 2.9   | 5.9   | 9.4   | 11.1  | 11.4   | 9.6     | 9.2     | 7.8     | 6.7     | 6.1     | 4.4     | 4.1     | 4.0     | 3.0     | 2.4     | 1.7  | 8772      | 8779     | 8772     | 8772      |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

48-54,61-64,71-72

NDV  
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | TOTAL<br>D.B./W.B. | TOTAL |     |     |     |  |  |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|-----|--|--|--|--|-----|--|--|--|--|-----|--------------------|-------|-----|-----|-----|--|--|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |       |       |       | .0    | .0    |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 3                  | 3     |     |     |     |  |  |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |       |       |       | .0    | .0    | .1    | .0    | .0   |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 19                 | 19    |     |     |     |  |  |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       |       |       | .0    | .2    | .1    | .1    | .0    |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 31                 | 31    |     |     |     |  |  |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       |       |       |       | .1    | .2    | .2    | .2    | .0    | .0   |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 64                 | 64    |     |     |     |  |  |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       | .0    |       | .0    | .1    | .3    | .3    | .1    | .0    | .0   |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 81                 | 81    |     |     |     |  |  |  |  |
| 74/ 73       |                                     |     |     |     |     |      | .0    |       |       | .1    | .3    | .4    | .2    | .1    | .0    |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 104                | 104   |     |     |     |  |  |  |  |
| 72/ 71       |                                     |     |     |     |     | .0   | .1    |       | .1    | .4    | .7    | .6    | .2    | .0    |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 191                | 191   |     |     |     |  |  |  |  |
| 70/ 69       |                                     |     |     |     |     | .0   | .0    |       | .3    | .4    | .7    | .5    | .1    | .1    |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 207                | 207   |     |     |     |  |  |  |  |
| 68/ 67       |                                     |     |     |     | .0  | .0   | .0    | .2    | .5    | .4    | .7    | .4    | .1    |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 220                | 220   |     |     |     |  |  |  |  |
| 66/ 65       |                                     |     |     |     | .1  |      | .3    | .5    | .7    | .5    | .5    | .2    | .1    |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 260                | 260   |     |     |     |  |  |  |  |
| 64/ 63       |                                     |     |     | .0  | .1  | .1   | .4    | .5    | .7    | .5    | .5    | .1    |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 269                | 269   |     |     |     |  |  |  |  |
| 62/ 61       |                                     |     | .1  | .1  | .1  | .3   | .6    | .7    | .6    | .6    | .2    | .1    |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 316                | 316   |     | R   |     |  |  |  |  |
| 60/ 59       |                                     | .0  | .1  | .1  | .3  | .5   | .7    | .7    | .8    | .4    | .2    | .0    |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 358                | 358   | 15  |     |     |  |  |  |  |
| 58/ 57       |                                     | .0  | .3  | .3  | .6  | .8   | .9    | .9    | .6    | .2    | .1    |       | .0    |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 434                | 434   | 54  |     |     |  |  |  |  |
| 56/ 55       |                                     | .1  | .3  | .5  | .8  | 1.0  | .9    | .8    | .6    | .2    |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 480                | 480   | 123 | 18  |     |  |  |  |  |
| 54/ 53       |                                     | .1  | .6  | .9  | 1.0 | .8   | .9    | .9    | .3    | .1    |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 524                | 524   | 311 | 44  |     |  |  |  |  |
| 52/ 51       | .0                                  | .3  | .7  | 1.4 | 1.0 | 1.1  | .9    | .5    | .2    | .0    |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 577                | 577   | 455 | 52  |     |  |  |  |  |
| 50/ 49       | .0                                  | .4  | 1.4 | 1.3 | 1.4 | .9   | 1.0   | .3    | .2    |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 643                | 645   | 653 | 62  |     |  |  |  |  |
| 48/ 47       |                                     | .4  | 1.4 | 1.3 | 1.1 | 1.0  | .7    | .2    | .0    |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 580                | 580   | 759 | 106 |     |  |  |  |  |
| 46/ 45       | .0                                  | .6  | 1.2 | 1.5 | 1.1 | 1.0  | .5    | .2    |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 564                | 564   | 871 | 231 |     |  |  |  |  |
| 44/ 43       | .0                                  | .6  | 1.3 | 1.4 | .9  | .7   | .2    | .1    |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 481                | 482   | 840 | 345 |     |  |  |  |  |
| 42/ 41       | .0                                  | .9  | 1.7 | 1.2 | 1.0 | .7   | .2    |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 526                | 526   | 760 | 422 |     |  |  |  |  |
| 40/ 39       | .0                                  | 1.0 | 1.6 | 1.4 | 1.1 | .4   | .1    |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 528                | 529   | 833 | 566 |     |  |  |  |  |
| 38/ 37       | .0                                  | 1.1 | 1.3 | 1.2 | .7  | .2   | .0    |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 439                | 439   | 769 | 610 |     |  |  |  |  |
| 36/ 35       | .1                                  | 1.2 | 1.1 | 1.0 | .4  | .1   | .0    |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 365                | 365   | 657 | 667 |     |  |  |  |  |
| 34/ 33       | .2                                  | 1.2 | .8  | .8  | .3  | .1   |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 312                | 315   | 603 | 703 |     |  |  |  |  |
| 32/ 31       | .3                                  | 1.2 | .9  | .4  | .1  |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 246                | 246   | 543 | 782 |     |  |  |  |  |
| 30/ 29       | .2                                  | .8  | .3  | .3  | .1  |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 154                | 154   | 367 | 705 |     |  |  |  |  |
| 28/ 27       | .1                                  | .6  | .3  | .1  |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 104                | 104   | 258 | 607 |     |  |  |  |  |
| 26/ 25       | .1                                  | .4  | .2  | .1  |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 75                 | 75    | 162 | 608 |     |  |  |  |  |
| 24/ 23       | .1                                  | .2  | .1  | .0  |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 41                 | 41    | 103 | 563 |     |  |  |  |  |
| 22/ 21       | .1                                  | .1  | .1  | .0  |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 26                 | 26    | 48  | 487 |     |  |  |  |  |
| 20/ 19       |                                     | .0  | .0  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 4                  | 4     | 19  | 410 |     |  |  |  |  |
| 18/ 17       | .0                                  | .1  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     | 7                  | 8     | 16  | 317 |     |  |  |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     |     |     |     | Σ X  |       |       |       |       | Σ X   |       |       |       |       | Σ X   |      |          |          |           | Σ X |  |  |  |  | Σ X |  |  |  |  | Σ X |                    |       |     |     | Σ X |  |  |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |     |  |  |  |  |     |  |  |  |  |     |                    |       |     |     |     |  |  |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

40V  
MONTH

ALL

HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

DEC  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |            |         |         |         |         |           |         |         |         |         |            |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|------------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|------------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10     | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20   | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30    | * 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 80/ 79       |                                     |       |       |       |       |            |         |         |         |         |           |         |         | .0      |         | .0         |      |           | 2        | 2        |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 78/ 77       |                                     |       |       |       |       |            |         |         |         |         |           |         |         |         | .0      |            |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 76/ 75       |                                     |       |       |       |       |            |         |         |         |         |           |         |         | .0      |         |            |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 74/ 73       |                                     |       |       |       |       |            |         |         |         |         | .0        | .1      | .0      |         |         | .0         |      | 8         | 8        |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 72/ 71       |                                     |       |       |       |       | .0         | .0      |         |         |         | .1        | .0      |         |         | .0      |            |      | 14        | 14       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 70/ 69       |                                     |       |       |       |       | .1         | .0      |         | .0      | .1      | .1        | .1      | .0      |         |         |            |      | 36        | 36       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 68/ 67       |                                     |       |       |       | .0    | .1         | .0      | .0      | .2      | .2      | .3        | .0      |         |         |         |            |      | 80        | 80       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 66/ 65       |                                     |       |       | .0    | .0    | .0         | .0      | .1      | .2      | .4      | .3        | .0      |         |         |         |            |      | 101       | 102      |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 64/ 63       |                                     |       |       | .0    | .1    | .1         | .1      | .3      | .3      | .4      | .2        | .0      |         |         |         |            |      | 134       | 134      |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 62/ 61       |                                     |       |       | .2    | .1    | .1         | .2      | .4      | .5      | .5      | .1        | .0      |         |         |         |            |      | 193       | 193      | 3        |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 60/ 59       |                                     |       | .0    | .1    | .1    | .3         | .4      | .5      | .5      | .4      | .0        |         |         |         |         |            |      | 233       | 233      | 12       |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 58/ 57       |                                     |       | .1    | .2    | .2    | .3         | .5      | .6      | .5      | .2      |           |         |         |         |         |            |      | 252       | 252      | 15       |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 56/ 55       |                                     |       | .1    | .3    | .3    | .7         | .7      | .8      | .6      | .1      |           |         |         |         |         |            |      | 353       | 353      | 37       | 4         |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 54/ 53       |                                     | .1    | .3    | .4    | .9    | .7         | .9      | .7      | .4      | .1      |           |         |         |         |         |            |      | 425       | 425      | 48       | 18        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 52/ 51       |                                     | .2    | .5    | .7    | .7    | .7         | .7      | .7      | .3      | .0      |           |         |         |         |         |            |      | 428       | 428      | 117      | 32        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 50/ 49       |                                     | .4    | .7    | .8    | 1.0   | .9         | .8      | .5      | .1      | .0      |           |         |         |         |         |            |      | 500       | 501      | 257      | 44        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 48/ 47       |                                     | .7    | .9    | 1.1   | 1.3   | 1.0        | .8      | .4      | .1      |         |           |         |         |         |         |            |      | 588       | 588      | 434      | 106       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 46/ 45       | .1                                  | .7    | 1.3   | 1.3   | 1.2   | .9         | .4      | .2      | .0      |         |           |         |         |         |         |            |      | 592       | 592      | 643      | 140       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 44/ 43       | .1                                  | .7    | 1.4   | 1.3   | 1.2   | .8         | .4      | .1      |         |         |           |         |         |         |         |            |      | 565       | 565      | 610      | 201       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 42/ 41       | .1                                  | .7    | 1.7   | 1.4   | 1.5   | .8         | .2      | .0      |         |         |           |         |         |         |         |            |      | 608       | 608      | 730      | 248       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 40/ 39       | .0                                  | 1.0   | 1.7   | 1.5   | 1.1   | .5         | .1      |         |         |         |           |         |         |         |         |            |      | 555       | 555      | 766      | 338       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 38/ 37       | .1                                  | 1.5   | 1.8   | 1.6   | .7    | .3         |         |         |         |         |           |         |         |         |         |            |      | 572       | 572      | 771      | 403       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 36/ 35       | .2                                  | 2.2   | 2.0   | 1.5   | .6    | .1         |         |         |         |         |           |         |         |         |         |            |      | 634       | 635      | 878      | 506       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 34/ 33       | .2                                  | 2.0   | 2.1   | .9    | .3    | .1         |         |         |         |         |           |         |         |         |         |            |      | 541       | 541      | 783      | 626       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 32/ 31       | .4                                  | 2.2   | 1.9   | .8    | .3    | .0         |         |         |         |         |           |         |         |         |         |            |      | 541       | 541      | 852      | 743       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 30/ 29       | .3                                  | 2.2   | 1.7   | .5    | .1    |            |         |         |         |         |           |         |         |         |         |            |      | 447       | 450      | 686      | 771       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 28/ 27       | .2                                  | 2.0   | .9    | .4    | .0    |            |         |         |         |         |           |         |         |         |         |            |      | 337       | 337      | 568      | 705       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 26/ 25       | .4                                  | 1.7   | .6    | .2    |       |            |         |         |         |         |           |         |         |         |         |            |      | 283       | 283      | 452      | 748       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 24/ 23       | .2                                  | 1.3   | .4    | .2    | .0    |            |         |         |         |         |           |         |         |         |         |            |      | 201       | 201      | 314      | 708       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 22/ 21       | .1                                  | .9    | .4    | .1    |       |            |         |         |         |         |           |         |         |         |         |            |      | 138       | 139      | 218      | 679       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 20/ 19       | .1                                  | .5    | .3    | .0    |       |            |         |         |         |         |           |         |         |         |         |            |      | 95        | 95       | 151      | 595       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 18/ 17       | .1                                  | .2    | .2    |       |       |            |         |         |         |         |           |         |         |         |         |            |      | 48        | 48       | 100      | 462       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 16/ 15       | .2                                  | .1    | .1    |       |       |            |         |         |         |         |           |         |         |         |         |            |      | 36        | 36       | 70       | 381       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 14/ 13       | .0                                  | .1    | .1    |       |       |            |         |         |         |         |           |         |         |         |         |            |      | 20        | 20       | 30       | 297       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| Element (X)  | $\Sigma X^2$                        |       |       |       |       | $\Sigma X$ |         |         |         |         | $\bar{X}$ |         |         |         |         | $\sigma_x$ |      |           |          |          | No. Obs.  |  |  |  |  | Mean No. of Hours with $T_s$ - temperature                             |  |  |  |  |  |       |       |  |  |
| Rel. Hum.    |                                     |       |       |       |       |            |         |         |         |         |           |         |         |         |         |            |      |           |          |          |           |  |  |  |  | $\leq 0 F$ $\leq 32 F$ $\geq 67 F$ $\geq 73 F$ $\geq 80 F$ $\geq 93 F$ |  |  |  |  |  | Total |       |  |  |
| Dry Bulb     |                                     |       |       |       |       |            |         |         |         |         |           |         |         |         |         |            |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| Wet Bulb     |                                     |       |       |       |       |            |         |         |         |         |           |         |         |         |         |            |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| Dew Point    |                                     |       |       |       |       |            |         |         |         |         |           |         |         |         |         |            |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION N

48-54, 61-64, 71-72

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ALL

HOURS (L. C. Y.)

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-54,71-73

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          | TOTAL<br>D.B./W.B. | TOTAL     |     |  |  |
|--------------|-------------------------------------|-------|------------|-------|-----------|--------|------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|----------|--------------------|-----------|-----|--|--|
|              | 0                                   | 1 - 2 | 3 - 4      | 5 - 6 | 7 - 8     | 9 - 10 | 11 - 12    | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | Dry Bulb | Wet Bulb           | Dew Point |     |  |  |
| 58/ 57       |                                     |       |            |       |           |        |            | .1      |          |         |                                    |         |         |         |         |         |       | 1        | 1                  |           |     |  |  |
| 54/ 53       |                                     | .1    | .1         | .2    | .1        |        |            |         |          |         |                                    |         |         |         |         |         |       | 7        | 7                  |           |     |  |  |
| 52/ 51       |                                     | .1    | .3         | .3    | .2        | .2     | .1         | .1      |          |         |                                    |         |         |         |         |         |       | 14       | 14                 | 2         |     |  |  |
| 50/ 49       |                                     | .3    | .9         | .3    | .3        | .3     | .1         |         |          |         |                                    |         |         |         |         |         |       | 25       | 25                 | 2         | 2   |  |  |
| 48/ 47       |                                     | .7    | 1.6        | .7    | .4        | .2     | .1         |         |          |         |                                    |         |         |         |         |         |       | 43       | 43                 | 15        | 1   |  |  |
| 45/ 45       |                                     | .5    | 2.1        | 1.1   | .5        | .1     |            | .3      |          |         |                                    |         |         |         |         |         |       | 53       | 53                 | 26        | 7   |  |  |
| 44/ 43       | .2                                  | 1.4   | 1.5        | 1.5   | .8        | .2     |            |         |          |         |                                    |         |         |         |         |         |       | 63       | 63                 | 42        | 23  |  |  |
| 42/ 41       |                                     | 2.1   | 2.4        | .8    | .3        | .3     |            |         |          |         |                                    |         |         |         |         |         |       | 69       | 69                 | 53        | 28  |  |  |
| 40/ 39       | .3                                  | 2.9   | 2.8        | 1.1   | .8        | .5     |            |         |          |         |                                    |         |         |         |         |         |       | 98       | 98                 | 63        | 44  |  |  |
| 38/ 37       | .2                                  | 2.4   | 3.5        | 1.1   | .9        | .2     |            |         |          |         |                                    |         |         |         |         |         |       | 96       | 96                 | 99        | 54  |  |  |
| 36/ 35       | .1                                  | 3.4   | 2.4        | 1.9   | 1.0       |        |            |         |          |         |                                    |         |         |         |         |         |       | 103      | 103                | 36        | 57  |  |  |
| 34/ 33       | .1                                  | 4.0   | 2.9        | 2.0   | .6        |        |            |         |          |         |                                    |         |         |         |         |         |       | 112      | 112                | 100       | 72  |  |  |
| 32/ 31       | .8                                  | 4.4   | 2.4        | 1.9   |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 110      | 110                | 118       | 85  |  |  |
| 30/ 29       | .9                                  | 4.7   | 1.9        | 1.2   |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 102      | 102                | 139       | 108 |  |  |
| 28/ 27       | .4                                  | 1.6   | 1.0        | 1.1   | .1        |        |            |         |          |         |                                    |         |         |         |         |         |       | 50       | 50                 | 112       | 106 |  |  |
| 26/ 25       | .7                                  | 1.8   | 1.7        | .7    |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 57       | 57                 | 73        | 79  |  |  |
| 24/ 23       | .4                                  | 1.3   | 2.6        | .5    |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 56       | 56                 | 45        | 69  |  |  |
| 22/ 21       | .5                                  | 1.5   | 2.3        | .2    |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 53       | 53                 | 59        | 67  |  |  |
| 20/ 19       | .1                                  | .6    | .6         | .2    |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 19       | 19                 | 52        | 45  |  |  |
| 18/ 17       | .2                                  | 1.0   | .4         | .2    |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 21       | 21                 | 40        | 47  |  |  |
| 16/ 15       |                                     | .6    | .1         | .2    |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 10       | 10                 | 21        | 46  |  |  |
| 14/ 13       | .1                                  | .3    | .1         |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 5        | 5                  | 11        | 42  |  |  |
| 12/ 11       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    | 4         | 45  |  |  |
| 10/ 9        |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    | 3         | 34  |  |  |
| 8/ 7         |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           | 34  |  |  |
| 6/ 5         |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           | 28  |  |  |
| 4/ 3         |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           | 16  |  |  |
| 2/ 1         |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           | 9   |  |  |
| 0/ =1        |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           | 4   |  |  |
| =2/ =3       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           | 2   |  |  |
| =4/ =5       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           | 5   |  |  |
| =8/ =9       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           | 4   |  |  |
| =14/ =15     |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           | 1   |  |  |
| =16/ =17     |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           | 1   |  |  |
| Element (X)  | $\Sigma X^2$                        |       | $\Sigma X$ |       | $\bar{X}$ |        | $\sigma_x$ |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |       |          |                    |           |     |  |  |
| Rel. Hum.    |                                     |       |            |       |           |        |            |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F  | Total |          |                    |           |     |  |  |
| Dry Bulb     |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           |     |  |  |
| Wet Bulb     |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           |     |  |  |
| Dew Point    |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |                    |           |     |  |  |

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JAN  
MONTH

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0500-0500  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6        | 7-8 | 9-10 | 11-12     | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | * 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 56/ 55       |                                     |     | .1  |            |     |      |           | .1    |       |       |       |       |          |       |       |                                    |        | 2         | 2        |          |           |       |  |  |
| 54/ 53       |                                     |     |     | .2         | .1  | .2   |           |       |       |       |       |       |          |       |       |                                    |        | 5         | 5        |          |           |       |  |  |
| 52/ 51       |                                     |     | .5  | .3         | .1  | .1   | .2        | .1    |       |       |       |       |          |       |       |                                    |        | 15        | 15       | 1        |           |       |  |  |
| 50/ 49       |                                     | .2  | .8  | .1         | .2  | .3   |           |       |       |       |       |       |          |       |       |                                    |        | 18        | 18       | 5        | 1         |       |  |  |
| 48/ 47       |                                     | .9  | 1.8 | .6         | .4  | .2   |           |       | .1    |       |       |       |          |       |       |                                    |        | 47        | 47       | 8        | 4         |       |  |  |
| 46/ 45       |                                     | 1.0 | 1.0 | .9         | .6  | .1   |           | .2    |       |       |       |       |          |       |       |                                    |        | 44        | 44       | 34       | 10        |       |  |  |
| 44/ 43       |                                     | .9  | 1.4 | .8         | .3  |      | .1        |       |       |       |       |       |          |       |       |                                    |        | 41        | 41       | 35       | 20        |       |  |  |
| 42/ 41       | .1                                  | 1.7 | 2.2 | 1.1        | .4  | .4   |           |       |       |       |       |       |          |       |       |                                    |        | 70        | 70       | 34       | 34        |       |  |  |
| 40/ 39       | .1                                  | 2.4 | 2.7 | .7         | .5  | .3   |           |       |       |       |       |       |          |       |       |                                    |        | 79        | 79       | 64       | 19        |       |  |  |
| 38/ 37       | .9                                  | 2.3 | 2.6 | .9         | .3  | .1   |           |       |       |       |       |       |          |       |       |                                    |        | 84        | 85       | 87       | 55        |       |  |  |
| 36/ 35       | .4                                  | 3.7 | 2.0 | .6         | .4  |      |           |       |       |       |       |       |          |       |       |                                    |        | 84        | 84       | 87       | 48        |       |  |  |
| 34/ 33       | .3                                  | 3.9 | 1.7 | .7         | .3  |      |           |       |       |       |       |       |          |       |       |                                    |        | 82        | 83       | 90       | 71        |       |  |  |
| 32/ 31       | .4                                  | 4.4 | 1.5 | .9         | .2  |      |           |       |       |       |       |       |          |       |       |                                    |        | 87        | 87       | 100      | 87        |       |  |  |
| 30/ 29       | 1.2                                 | 5.0 | 2.4 | 1.6        | .1  |      |           |       |       |       |       |       |          |       |       |                                    |        | 120       | 120      | 108      | 106       |       |  |  |
| 28/ 27       | .3                                  | 5.3 | 1.1 | .6         |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 86        | 86       | 102      | 102       |       |  |  |
| 26/ 25       | .9                                  | 3.4 | 2.1 | .5         |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 81        | 81       | 110      | 75        |       |  |  |
| 24/ 23       | .9                                  | 1.7 | 1.6 | .1         |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 51        | 51       | 72       | 75        |       |  |  |
| 22/ 21       | .4                                  | 2.1 | 2.2 | .3         |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 59        | 59       | 58       | 76        |       |  |  |
| 20/ 19       | .4                                  | 2.0 | 1.6 | .1         |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 49        | 49       | 56       | 51        |       |  |  |
| 18/ 17       | .3                                  | .9  | .8  |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 23        | 23       | 38       | 46        |       |  |  |
| 16/ 15       | .7                                  | 1.2 | .3  |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 25        | 25       | 44       | 50        |       |  |  |
| 14/ 13       | .1                                  | .5  | .2  |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 9         | 9        | 21       | 47        |       |  |  |
| 12/ 11       |                                     | .3  | .3  |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 8         | 8        | 9        | 45        |       |  |  |
| 10/ 9        |                                     | .1  |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 1         | 1        | 3        | 44        |       |  |  |
| 8/ 7         |                                     |     | .1  |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        | 1         | 1        | 4        | 24        |       |  |  |
| 6/ 5         |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          | 1        | 25        |       |  |  |
| 4/ 3         |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          | 14        |       |  |  |
| 2/ 1         |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          | 5         |       |  |  |
| 0/ -1        |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          | 5         |       |  |  |
| -2/ -3       |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          | 6         |       |  |  |
| -4/ -5       |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          | 5         |       |  |  |
| -6/ -7       |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          | 3         |       |  |  |
| -8/ -9       |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          | 2         |       |  |  |
| -12/ -13     |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          | 1         |       |  |  |
| Element (X)  | $\Sigma x^2$                        |     |     | $\Sigma x$ |     |      | $\bar{x}$ |       |       | $s_x$ |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |           |          |          |           |       |  |  |
| Rel. Hum.    |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≤ 67 F    | ≤ 73 F   | ≤ 80 F   | ≤ 93 F    | Total |  |  |
| Dry Bulb     |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          |           |       |  |  |
| Wet Bulb     |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          |           |       |  |  |
| Dew Point    |                                     |     |     |            |     |      |           |       |       |       |       |       |          |       |       |                                    |        |           |          |          |           |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



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U.S. AFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

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STATIO

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73

YEARS

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MONTH

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0600-0800  
HOURS (L. S. T.)

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## PSYCHROMETRIC SUMMARY

Jan  
MONTH

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JAN  
MONTH

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HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          |          |           |  |  |  |  |       |  | TOTAL | TOTAL |  |  |  |  |  |  |  |  |  |  |  |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|---------|-------|-------|---|------|-----------|----------|----------|-----------|--|--|--|--|-------|--|-------|-------|--|--|--|--|--|--|--|--|--|--|--|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24   | 25-26 | 27-28 | 29-30   | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 72/ 71      |                                     |     |     |     |     |      |       |       | .1    | .1             |       |       |         |       |       |   |      | 2         | 2        |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 70/ 69      |                                     |     |     |     |     |      |       |       | .2    | .1             | .1    |       |         |       |       |   |      | 4         | 4        |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 68/ 67      |                                     |     |     |     |     | .1   |       |       | .3    | .1             | .1    |       |         |       |       |   |      | 6         | 6        |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 66/ 65      |                                     |     |     |     |     | .1   | .3    |       | .3    | .1             | .1    |       |         |       |       |   |      | 9         | 9        |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 64/ 63      |                                     |     |     |     | .1  | .2   | .3    | .3    | .1    | .1             | .2    | .1    |         |       |       |   |      | 16        | 16       |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 62/ 61      |                                     |     |     | .1  | .1  | .1   | .3    | .3    | .1    | .1             | .1    | .1    |         |       |       |   |      | 14        | 14       |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 60/ 59      |                                     |     |     |     | .3  | .3   | .4    | .5    | .6    | .2             |       |       |         |       |       |   |      | 26        | 26       |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 58/ 57      |                                     |     | .1  | .3  | .8  | .6   | .7    | .3    | .3    | .4             |       |       |         |       |       |   |      | 41        | 41       | 1        |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 56/ 55      |                                     |     | .3  | .4  | .6  | 1.0  | .5    | .4    | .4    | .2             |       |       |         |       |       |   |      | 46        | 46       | 6        |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 54/ 53      |                                     |     | .5  | .6  | .7  | 1.2  | 1.4   | .9    | .3    |                |       |       |         |       |       |   |      | 66        | 66       | 12       |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 52/ 51      |                                     |     | .4  | .9  | 1.4 | 1.6  | .3    | 1.2   | .1    |                |       |       |         |       |       |   |      | 71        | 71       | 20       | 2         |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 50/ 49      |                                     | .2  | .6  | 1.4 | 2.0 | 1.2  | 1.2   | .6    | .1    |                |       |       |         |       |       |   |      | 86        | 86       | 36       | 5         |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 48/ 47      |                                     | .1  | 1.1 | 2.6 | 2.5 | 1.5  | 1.1   | .7    | .2    |                |       |       |         |       |       |   |      | 115       | 115      | 49       | 10        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 46/ 45      |                                     | .3  | 1.5 | 2.6 | 1.4 | 1.1  | 1.3   | .4    |       |                |       |       |         |       |       |   |      | 101       | 101      | 60       | 20        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 44/ 43      |                                     | .5  | 2.0 | 2.1 | 2.0 | 1.4  | .9    | .1    | .1    |                |       |       |         |       |       |   |      | 108       | 108      | 100      | 26        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 42/ 41      |                                     | .7  | 1.6 | 1.9 | 2.0 | .9   | .3    |       |       |                |       |       |         |       |       |   |      | 87        | 87       | 129      | 30        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 40/ 39      |                                     | .6  | 1.1 | 2.3 | 2.7 | .8   | .2    | .1    |       |                |       |       |         |       |       |   |      | 91        | 91       | 138      | 45        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 38/ 37      | .1                                  | .9  | 1.3 | 2.2 | 1.2 | .1   |       |       |       |                |       |       |         |       |       |   |      | 80        | 80       | 101      | 79        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 36/ 35      |                                     | .3  | 1.4 | 1.5 | 1.4 | .3   |       |       |       |                |       |       |         |       |       |   |      | 38        | 39       | 103      | 75        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 34/ 33      | .1                                  | 1.2 | 1.8 | .7  | .4  | .3   |       |       |       |                |       |       |         |       |       |   |      | 52        | 52       | 114      | 91        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 32/ 31      | .2                                  | .7  | .7  | 1.4 | .2  |      |       |       |       |                |       |       |         |       |       |   |      | 36        | 36       | 131      | 99        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 30/ 29      |                                     | .9  | .4  | .9  | .2  |      |       |       |       |                |       |       |         |       |       |   |      | 28        | 28       | 65       | 84        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 28/ 27      | .1                                  | .5  | .6  | .3  | .2  |      |       |       |       |                |       |       |         |       |       |   |      | 20        | 20       | 45       | 82        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 26/ 25      | .1                                  | .3  | .1  | .1  |     |      |       |       |       |                |       |       |         |       |       |   |      | 7         | 7        | 31       | 86        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 24/ 23      | .1                                  |     |     |     | .1  |      |       |       |       |                |       |       |         |       |       |   |      | 2         | 2        | 21       | 70        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 22/ 21      |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          | 8        | 66        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 20/ 19      |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          | 1        | 55        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 18/ 17      |                                     |     | .1  |     |     |      |       |       |       |                |       |       |         |       |       |   |      | 1         | 1        | 1        | 45        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 16/ 15      |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          |          | 42        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 14/ 13      |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          | 1        | 54        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 12/ 11      |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          |          | 35        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 10/ 9       |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          |          | 25        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 8/ 7        |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          |          | 12        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| 6/ 5        |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          |          | 11        |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| Element (X) | Σ X <sup>2</sup>                    |     |     | Σ X |     |      | X̄    |       |       | s <sub>x</sub> |       |       | No Obs. |       |       | Mean No. of Hours with Temperature                      |      |           |          |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| Rel. Hum.   |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       | ≤ 0 F    ≤ 32 F    ≥ 67 F    ≥ 73 F    ≥ 80 F    ≥ 93 F |      |           |          |          |           |  |  |  |  | Total |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| Dry Bulb    |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| Wet Bulb    |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |
| Dew Point   |                                     |     |     |     |     |      |       |       |       |                |       |       |         |       |       |   |      |           |          |          |           |  |  |  |  |       |  |       |       |  |  |  |  |  |  |  |  |  |  |  |

USAFETAC FORM 0-26-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

0900-1100  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 51-64, 71-73  
YEARS

JAN  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 80/ 79       |                                     |       |       |       |       |        |         |         |          |         | .2                                 |         |         |         |         |         |       | 2         | 2        |          |           |       |  |  |
| 78/ 77       |                                     |       |       |       |       |        |         |         |          |         | .1                                 |         |         |         |         |         |       | 1         | 1        |          |           |       |  |  |
| 76/ 75       |                                     |       |       |       |       |        |         |         |          |         |                                    |         | .1      |         |         |         |       | 1         | 1        |          |           |       |  |  |
| 74/ 73       |                                     |       |       |       |       |        |         |         |          |         | .3                                 |         |         |         |         |         |       | 4         | 4        |          |           |       |  |  |
| 72/ 71       |                                     |       |       |       |       |        |         |         |          | .1      | .3                                 | .1      |         |         |         |         |       | 6         | 6        |          |           |       |  |  |
| 70/ 69       |                                     |       |       |       |       |        |         |         | .4       | .4      | .3                                 | .3      |         |         |         |         |       | 18        | 18       |          |           |       |  |  |
| 68/ 67       |                                     |       |       |       |       | .1     | .3      | .2      | .7       | .8      | .3                                 | .3      |         |         |         |         |       | 31        | 31       |          |           |       |  |  |
| 66/ 65       |                                     |       |       |       |       | .3     | .5      | .6      | 1.0      | 1.3     | .3                                 | .3      |         |         |         |         |       | 51        | 51       |          |           |       |  |  |
| 64/ 63       |                                     |       |       |       |       | .3     | .3      | .3      | .8       | .6      | .5                                 | .3      |         |         |         |         |       | 37        | 37       |          |           |       |  |  |
| 62/ 61       |                                     |       |       |       | .3    | .4     | .5      | .8      | 1.8      | 1.9     | 1.0                                | .1      |         |         |         |         |       | 82        | 82       |          |           |       |  |  |
| 60/ 59       |                                     |       |       |       | .3    | .7     | 1.2     | 1.4     | 1.9      | 1.5     | .7                                 |         |         |         |         |         |       | 90        | 90       | 2        |           |       |  |  |
| 58/ 57       |                                     | .3    | .1    | .8    | .6    | 1.9    | 1.7     | 1.1     | 1.4      | .1      |                                    |         |         |         |         |         |       | 93        | 93       | 4        |           |       |  |  |
| 56/ 55       | .1                                  | .1    | .2    | .7    | 1.4   | 1.7    | 2.3     | 1.2     | .7       |         |                                    |         |         |         |         |         |       | 97        | 97       | 13       |           |       |  |  |
| 54/ 53       |                                     | .2    | .7    | 1.1   | 2.0   | 1.5    | 1.4     | .9      | .3       |         |                                    |         |         |         |         |         |       | 96        | 96       | 28       |           |       |  |  |
| 52/ 51       | .2                                  | .2    | .5    | 1.8   | 1.4   | 1.5    | 1.0     | .8      | .2       |         |                                    |         |         |         |         |         |       | 90        | 90       | 39       | 3         |       |  |  |
| 50/ 49       |                                     | .3    | 1.6   | 1.4   | 1.4   | .9     | 2.5     | .6      | .1       |         |                                    |         |         |         |         |         |       | 106       | 106      | 65       | 9         |       |  |  |
| 48/ 47       | .1                                  | .6    | .9    | 1.3   | 1.4   | 1.0    | .8      | .2      |          |         |                                    |         |         |         |         |         |       | 74        | 74       | 89       | 13        |       |  |  |
| 46/ 45       | .4                                  | .8    | .8    | 1.3   | 1.4   | 1.1    | .6      | .3      |          |         |                                    |         |         |         |         |         |       | 80        | 80       | 125      | 15        |       |  |  |
| 44/ 43       | .2                                  | .3    | .5    | .5    | 1.4   | 1.6    | .4      |         |          |         |                                    |         |         |         |         |         |       | 58        | 58       | 176      | 29        |       |  |  |
| 42/ 41       | .6                                  | .4    | 1.2   | 1.3   | .5    | .3     |         |         |          |         |                                    |         |         |         |         |         |       | 50        | 50       | 145      | 45        |       |  |  |
| 40/ 39       | .2                                  | .4    | .7    | 1.4   | .6    | .2     |         |         |          |         |                                    |         |         |         |         |         |       | 40        | 40       | 109      | 47        |       |  |  |
| 38/ 37       | .3                                  | .6    | .8    | .3    | .5    | .3     |         |         |          |         |                                    |         |         |         |         |         |       | 34        | 34       | 102      | 66        |       |  |  |
| 36/ 35       | .1                                  | .4    | .1    | .2    | .3    |        |         |         |          |         |                                    |         |         |         |         |         |       | 19        | 19       | 105      | 78        |       |  |  |
| 34/ 33       |                                     | .3    | .1    | .1    |       |        |         |         |          |         |                                    |         |         |         |         |         |       | 5         | 5        | 69       | 91        |       |  |  |
| 32/ 31       | .4                                  |       |       | .1    | .2    |        |         |         |          |         |                                    |         |         |         |         |         |       | 8         | 8        | 59       | 71        |       |  |  |
| 30/ 29       | .4                                  |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       | 5         | 5        | 25       | 83        |       |  |  |
| 28/ 27       | .2                                  |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       | 2         | 2        | 15       | 84        |       |  |  |
| 26/ 25       | .1                                  | .2    |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       | 3         | 3        | 6        | 80        |       |  |  |
| 24/ 23       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          | 4        | 70        |       |  |  |
| 22/ 21       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 47        |       |  |  |
| 20/ 19       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 52        |       |  |  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 44        |       |  |  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 51        |       |  |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 26        |       |  |  |
| Element (X)  | Σ x <sup>2</sup>                    |       | Σ x   |       | Σ     |        | Σ x     |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |       |           |          |          |           |       |  |  |
| Rel. Hum.    |                                     |       |       |       |       |        |         |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F  | Total |           |          |          |           |       |  |  |
| Dry Bulb     |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |       |  |  |
| Wet Bulb     |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |       |  |  |
| Dew Point    |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |       |  |  |



## PSYCHROMETRIC SUMMARY

49-54, 61-64, 71-73 YEARS

JAN  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11/1/71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
YEARS

JAN  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20    | 21-22 | 23-24                              | 25-26  | 27-28  | 29-30  | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       |       |       | .1       |       |                                    |        |        |        |        |           | 1        | 1        |           |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      |       |       | .1    |       | .1       | .1    |                                    |        |        |        |        |           | 2        | 2        |           |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       | .2    | .2    | .3       |       |                                    |        |        |        |        |           | 7        | 7        |           |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      |       | .2    | .2    | .3    | .3       | .1    |                                    |        |        |        |        |           | 12       | 12       |           |       |  |  |
| 68/ 67       |                                     |     |     |     |     | .1   | .1    | .2    | .6    | .3    | .9       | .3    |                                    |        |        |        |        |           | 30       | 30       |           |       |  |  |
| 66/ 65       |                                     |     |     |     |     |      | .4    | .8    | .9    | .3    | .8       | .8    |                                    |        |        |        |        |           | 46       | 46       |           |       |  |  |
| 64/ 63       |                                     |     |     |     | .2  | .5   | .3    | .2    | 1.1   | 1.4   | .9       | .3    |                                    |        |        |        |        |           | 55       | 55       |           |       |  |  |
| 62/ 61       |                                     |     |     |     | .1  | .2   | .3    | .3    | 1.4   | 1.5   | .9       |       |                                    |        |        |        |        |           | 58       | 58       |           |       |  |  |
| 60/ 59       |                                     |     |     | .1  | .4  | .5   | .9    | .8    | 1.6   | 1.9   | .7       |       |                                    |        |        |        |        |           | 80       | 80       |           |       |  |  |
| 58/ 57       |                                     |     | .1  | .2  | .5  | 1.3  | 1.2   | 1.5   | 1.7   | .9    | .3       |       |                                    |        |        |        |        |           | 89       | 89       | 4         |       |  |  |
| 56/ 55       |                                     |     | .2  | .4  | .3  | 1.2  | 1.3   | 1.5   | 1.2   | .5    |          |       |                                    |        |        |        |        |           | 77       | 77       | 9         |       |  |  |
| 54/ 53       |                                     | .1  | .5  | .1  | .7  | 1.8  | 1.6   | 1.4   | 1.1   | .3    |          |       |                                    |        |        |        |        |           | 89       | 89       | 24        |       |  |  |
| 52/ 51       |                                     | .6  | .9  | 1.2 | 1.5 | .9   | 1.6   | 1.1   | .3    |       |          |       |                                    |        |        |        |        |           | 93       | 93       | 41        | 2     |  |  |
| 50/ 49       |                                     | .1  | .8  | 1.5 | 1.2 | 1.0  | 1.0   | 1.1   | .5    |       |          |       |                                    |        |        |        |        |           | 85       | 85       | 50        | 7     |  |  |
| 48/ 47       |                                     | .3  | 1.5 | 1.1 | 1.2 | 1.1  | 1.0   | .7    | .4    |       |          |       |                                    |        |        |        |        |           | 87       | 87       | 85        | 14    |  |  |
| 46/ 45       | .1                                  | .3  | .9  | 1.7 | 1.0 | .9   | .9    | .7    | .1    |       |          |       |                                    |        |        |        |        |           | 78       | 78       | 129       | 21    |  |  |
| 44/ 43       |                                     | .3  | 1.0 | 1.1 | 1.0 | .8   | .7    | .4    |       |       |          |       |                                    |        |        |        |        |           | 62       | 62       | 170       | 30    |  |  |
| 42/ 41       |                                     | .4  | 1.0 | 1.1 | 1.0 | .7   | .7    | .1    |       |       |          |       |                                    |        |        |        |        |           | 59       | 59       | 138       | 38    |  |  |
| 40/ 39       |                                     | .3  | .2  | 1.2 | .9  | .7   | .3    |       |       |       |          |       |                                    |        |        |        |        |           | 36       | 36       | 127       | 51    |  |  |
| 38/ 37       |                                     | .6  | .3  | .9  | .9  | .7   |       |       |       |       |          |       |                                    |        |        |        |        |           | 38       | 38       | 97        | 74    |  |  |
| 36/ 35       | .2                                  | .7  | .7  | .9  | .1  | .1   | .1    |       |       |       |          |       |                                    |        |        |        |        |           | 32       | 32       | 83        | 89    |  |  |
| 34/ 33       | .3                                  | .5  | .3  | .1  | .3  | .1   |       |       |       |       |          |       |                                    |        |        |        |        |           | 19       | 19       | 74        | 62    |  |  |
| 32/ 31       | .3                                  | .6  | .1  | .2  |     | .2   |       |       |       |       |          |       |                                    |        |        |        |        |           | 17       | 17       | 68        | 93    |  |  |
| 30/ 29       | .3                                  | .1  | .1  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           | 7        | 7        | 38        | 66    |  |  |
| 28/ 27       | .1                                  | .2  |     |     | .1  |      |       |       |       |       |          |       |                                    |        |        |        |        |           | 4        | 4        | 17        | 74    |  |  |
| 26/ 25       | .3                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           | 3        | 3        | 9         | 87    |  |  |
| 24/ 23       |                                     | .2  |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           | 2        | 2        | 4         | 64    |  |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 3         | 55    |  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 1         | 45    |  |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           | 56    |  |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           | 43    |  |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           | 36    |  |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           | 31    |  |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           | 41    |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ     |       | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |           |          |          |           |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F    | Total    |          |           |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |       |  |  |
| Daw Point    |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |       |  |  |

9477 54321  
FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

23182  
STATIC

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73

JAN  
MONTH

PAGE 1

1800-2000  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | TOTAL    | TOTAL     |       |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|-----------|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | +31    | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |
| 64/ 63       |                                     |     |     |     |     |      | .1    | .2    | .1    |                |       |       |          |       |       |                                    |        | 1         | 1        |          |           |       |  |
| 62/ 61       |                                     |     |     |     |     | .1   | .2    | .1    |       |                |       |       |          |       |       |                                    |        | 4         | 4        |          |           |       |  |
| 60/ 59       |                                     |     |     |     | .1  | .1   |       |       |       |                |       |       |          |       |       |                                    |        | 2         | 2        |          |           |       |  |
| 58/ 57       |                                     |     | .2  | .2  | .2  | .3   | .3    | .2    | .1    |                |       |       |          |       |       |                                    |        | 15        | 15       |          |           |       |  |
| 56/ 55       |                                     |     | .3  | .4  | .4  | .3   |       | .2    | .3    |                |       |       |          |       |       |                                    |        | 23        | 23       |          |           |       |  |
| 54/ 53       |                                     | .1  | .4  | .9  | .4  | 1.1  | .9    | .3    |       |                |       |       |          |       |       |                                    |        | 48        | 48       | 4        |           |       |  |
| 52/ 51       |                                     | .2  | .6  | .8  | .9  | 1.1  | 1.0   | .8    |       |                |       |       |          |       |       |                                    |        | 63        | 63       | 8        | 1         |       |  |
| 50/ 49       |                                     | .6  | 1.2 | 1.2 | 1.4 | .9   | .9    | .5    | .3    |                |       |       |          |       |       |                                    |        | 81        | 81       | 29       | 2         |       |  |
| 48/ 47       |                                     | .8  | 2.6 | 2.3 | 1.0 | 1.3  | .9    | .4    |       |                |       |       |          |       |       |                                    |        | 108       | 108      | 26       | 10        |       |  |
| 46/ 45       |                                     | 1.3 | 2.0 | 3.1 | 1.4 | 1.2  | .7    | .3    |       |                |       |       |          |       |       |                                    |        | 116       | 116      | 58       | 22        |       |  |
| 44/ 43       |                                     | 1.4 | 2.6 | 2.6 | .6  | .8   | .7    | .2    |       |                |       |       |          |       |       |                                    |        | 104       | 104      | 83       | 34        |       |  |
| 42/ 41       |                                     | 1.4 | 2.8 | 1.6 | .8  | 1.5  | .7    | .1    |       |                |       |       |          |       |       |                                    |        | 105       | 105      | 120      | 46        |       |  |
| 40/ 39       | .1                                  | 1.5 | 2.7 | .7  | .9  | .9   | .3    |       |       |                |       |       |          |       |       |                                    |        | 83        | 83       | 128      | 50        |       |  |
| 38/ 37       |                                     | 2.0 | 2.2 | 1.1 | 1.4 | .9   | .3    |       |       |                |       |       |          |       |       |                                    |        | 93        | 93       | 125      | 76        |       |  |
| 36/ 35       | .1                                  | 1.9 | 2.4 | .7  | 1.0 | .7   | .2    |       |       |                |       |       |          |       |       |                                    |        | 81        | 82       | 114      | 86        |       |  |
| 34/ 33       | .3                                  | 1.7 | 1.8 | 1.6 | .9  | .3   | .1    |       |       |                |       |       |          |       |       |                                    |        | 81        | 81       | 104      | 106       |       |  |
| 32/ 31       | .4                                  | 1.4 | .8  | .4  | .6  |      |       |       |       |                |       |       |          |       |       |                                    |        | 42        | 42       | 95       | 89        |       |  |
| 30/ 29       | .3                                  | 1.4 | .8  | .9  | .3  |      |       |       |       |                |       |       |          |       |       |                                    |        | 45        | 45       | 85       | 90        |       |  |
| 28/ 27       | .1                                  | .7  | .9  | .9  | .1  |      |       |       |       |                |       |       |          |       |       |                                    |        | 31        | 31       | 66       | 73        |       |  |
| 26/ 25       | .5                                  | .3  | .2  | .5  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 18        | 18       | 49       | 65        |       |  |
| 24/ 23       | .6                                  | .2  | .3  | .2  | .1  |      |       |       |       |                |       |       |          |       |       |                                    |        | 16        | 16       | 38       | 65        |       |  |
| 22/ 21       |                                     | .3  | .3  | .2  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 10        | 10       | 20       | 44        |       |  |
| 20/ 19       |                                     |     | .1  | .1  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2         | 2        | 12       | 43        |       |  |
| 18/ 17       |                                     | .2  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2         | 2        | 8        | 40        |       |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | 2        | 32        |       |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | 1        | 33        |       |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 38        |       |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 30        |       |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 30        |       |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 20        |       |  |
| 4/ 3         |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 14        |       |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 7         |       |  |
| 0/ =1        |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 2         |       |  |
| =2/ =3       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 1         |       |  |
| Element (X)  | Σ X <sup>2</sup>                    |     |     | Σ X |     |      | Σ     |       |       | Σ <sub>x</sub> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |           |          |          |           |       |  |
| Rel. Hum     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≤ 67 F    | ≥ 73 F   | ≥ 80 F   | ≥ 93 F    | Total |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           |       |  |



## PSYCHROMETRIC SUMMARY

JAN  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

JA:1  
MONTH

[illegible]



## PSYCHROMETRIC SUMMARY

JAN  
MONTHS

HOURS (L, S, T, )

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|------|-------|------|------------|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1-2  | 3-4   | 5-6  | 7-8        | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 60/ 59       |                                     |      |       |      |            |      | .1    | .1    |          |       |                                    |        |        |        |        |        |       | 2         | 2        |          |           |       |  |  |
| 58/ 57       |                                     |      | .1    |      |            | .1   | .2    |       |          |       |                                    |        |        |        |        |        |       | 4         | 4        |          |           |       |  |  |
| 56/ 55       |                                     | .1   | .4    | .1   | .3         | .3   | .3    |       |          |       |                                    |        |        |        |        |        |       | 15        | 15       |          |           |       |  |  |
| 54/ 53       |                                     |      | .4    | .4   | .6         | .4   | .3    | .1    |          |       |                                    |        |        |        |        |        |       | 22        | 22       | 2        |           |       |  |  |
| 52/ 51       |                                     | .1   | .9    | .3   | .9         | .9   | .4    | .1    |          |       |                                    |        |        |        |        |        |       | 39        | 39       | 5        | 2         |       |  |  |
| 50/ 49       |                                     |      | .6    | .8   | .7         | 1.5  | .2    | .1    |          |       |                                    |        |        |        |        |        |       | 40        | 40       | 7        | 3         |       |  |  |
| 48/ 47       |                                     | .7   | 2.3   | 1.8  | 1.1        | .8   | .4    |       |          |       |                                    |        |        |        |        |        |       | 75        | 75       | 20       | 6         |       |  |  |
| 46/ 45       |                                     | 1.5  | 1.8   | 1.9  | .7         | .4   | .4    | .1    | .1       |       |                                    |        |        |        |        |        |       | 72        | 72       | 40       | 13        |       |  |  |
| 44/ 43       |                                     | 1.3  | 3.5   | 2.6  | .9         | .7   | .1    |       |          |       |                                    |        |        |        |        |        |       | 97        | 97       | 67       | 24        |       |  |  |
| 42/ 41       |                                     | 2.0  | 3.8   | 2.2  | .7         | .3   | .1    |       |          |       |                                    |        |        |        |        |        |       | 95        | 95       | 82       | 21        |       |  |  |
| 40/ 39       | .1                                  | 3.5  | 2.9   | 1.9  | .9         | .5   |       |       |          |       |                                    |        |        |        |        |        |       | 104       | 104      | 117      | 50        |       |  |  |
| 38/ 37       | .2                                  | 3.5  | 4.2   | 2.0  | .3         | .4   |       |       |          |       |                                    |        |        |        |        |        |       | 112       | 112      | 118      | 65        |       |  |  |
| 36/ 35       |                                     | 4.4  | 2.4   | 1.0  | .4         | .3   |       |       |          |       |                                    |        |        |        |        |        |       | 90        | 90       | 118      | 76        |       |  |  |
| 34/ 33       | .3                                  | 3.1  | 2.8   | 1.0  | .2         |      |       |       |          |       |                                    |        |        |        |        |        |       | 79        | 79       | 119      | 104       |       |  |  |
| 32/ 31       |                                     | 3.1  | 2.3   | 1.3  | .1         |      |       |       |          |       |                                    |        |        |        |        |        |       | 72        | 72       | 94       | 109       |       |  |  |
| 30/ 29       | .1                                  | 2.9  | 1.8   | .8   |            |      |       |       |          |       |                                    |        |        |        |        |        |       | 60        | 60       | 89       | 113       |       |  |  |
| 28/ 27       | .1                                  | 1.2  | 1.9   | .4   |            |      |       |       |          |       |                                    |        |        |        |        |        |       | 38        | 38       | 72       | 91        |       |  |  |
| 26/ 25       |                                     | 1.1  | .7    | .1   |            |      |       |       |          |       |                                    |        |        |        |        |        |       | 20        | 20       | 50       | 91        |       |  |  |
| 24/ 23       |                                     | .5   | .3    |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       | 8         | 8        | 31       | 58        |       |  |  |
| 22/ 21       |                                     | .6   | .3    |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       | 9         | 9        | 15       | 48        |       |  |  |
| 20/ 19       |                                     | .5   |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       | 5         | 5        | 9        | 39        |       |  |  |
| 18/ 17       |                                     | .3   |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       | 3         | 3        | 4        | 36        |       |  |  |
| 16/ 15       |                                     | .1   |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 2        | 30        |       |  |  |
| 14/ 13       |                                     |      |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 1        | 31        |       |  |  |
| 12/ 11       |                                     |      |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 16        |       |  |  |
| 10/ 9        |                                     |      |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 5         |       |  |  |
| 8/ 7         |                                     |      |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 13        |       |  |  |
| 6/ 5         |                                     |      |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 6         |       |  |  |
| 4/ 3         |                                     |      |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 2         |       |  |  |
| 2/ 1         |                                     |      |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 1         |       |  |  |
| -2/ -3       |                                     |      |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 1         |       |  |  |
| TOTAL        | .8                                  | 30.4 | 33.1  | 18.5 | 7.7        | 6.5  | 2.2   | .7    | .1       |       |                                    |        |        |        |        |        |       | 1062      | 1062     |          | 1062      |       |  |  |
|              |                                     |      |       |      |            |      |       |       |          |       |                                    |        |        |        |        |        |       | 1062      |          | 1062     |           |       |  |  |
| Element (X)  | Σx'                                 |      | Σx    |      | Σ          |      | Σx    |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Rel. Hum.    | 5215019                             |      | 72391 |      | 68,216,260 |      | 1062  |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 07 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |       |  |  |
| Dry Bulb     | 1894309                             |      | 41639 |      | 39.2       |      | 7.627 |       | 1062     |       |                                    | 17.1   |        |        |        |        | 84    |           |          |          |           |       |  |  |
| Wet Bulb     | 1348892                             |      | 37194 |      | 35.0       |      | 6.603 |       | 1062     |       |                                    | 29.0   |        |        |        |        | 84    |           |          |          |           |       |  |  |
| Dew Point    | 960290                              |      | 30594 |      | 23.8       |      | 8.626 |       | 1062     |       | .1                                 | 54.6   |        |        |        |        | 84    |           |          |          |           |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23162 PALMDALE APT CALIF

49-54,61-64,71-73

FEB  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          | TOTAL    | TOTAL     |  |  |    |
|-------------|-------------------------------------|------|-------|------|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|--|--|----|
|             | 0                                   | 1-2  | 3-4   | 5-6  | 7-8  | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |    |
| 60/ 59      |                                     |      |       |      |      | .1   | .1             |       |          |       |                                    |        |        |        |        |        |      | 2         | 2        |          |           |  |  |    |
| 58/ 57      |                                     |      | .1    |      | .1   |      |                | .1    |          |       |                                    |        |        |        |        |        |      | 3         | 3        |          |           |  |  |    |
| 56/ 55      |                                     | .1   | .1    |      |      | .1   | .1             |       |          |       |                                    |        |        |        |        |        |      | 4         | 4        |          |           |  |  |    |
| 54/ 53      |                                     | .2   | .1    | .2   | .2   | .4   | .1             |       |          |       |                                    |        |        |        |        |        |      | 13        | 13       | 3        |           |  |  |    |
| 52/ 51      |                                     | .1   | .5    | .2   | .5   | .4   |                |       |          |       |                                    |        |        |        |        |        |      | 17        | 17       | 3        | 4         |  |  |    |
| 50/ 49      |                                     | .6   | .6    | 1.5  | .5   | 1.0  |                |       |          |       |                                    |        |        |        |        |        |      | 44        | 44       | 7        | 3         |  |  |    |
| 48/ 47      | .1                                  | .4   | 1.1   | 1.7  | .6   | .5   | .2             |       |          |       |                                    |        |        |        |        |        |      | 48        | 48       | 16       | 3         |  |  |    |
| 46/ 45      |                                     | 1.7  | 1.6   | 1.5  | .6   | .3   | .1             | .1    |          |       |                                    |        |        |        |        |        |      | 62        | 64       | 23       | 11        |  |  |    |
| 44/ 43      |                                     | 1.2  | 3.2   | 1.5  | .2   | .1   | .2             | .1    |          |       |                                    |        |        |        |        |        |      | 69        | 69       | 52       | 19        |  |  |    |
| 42/ 41      |                                     | 1.9  | 2.8   | 1.5  | 1.5  | .4   |                |       |          |       |                                    |        |        |        |        |        |      | 86        | 86       | 72       | 16        |  |  |    |
| 40/ 39      | .1                                  | 3.0  | 3.6   | 1.4  | .6   | .4   |                |       |          |       |                                    |        |        |        |        |        |      | 96        | 96       | 96       | 41        |  |  |    |
| 38/ 37      | .2                                  | 3.4  | 4.5   | 1.0  | .4   | .2   |                |       |          |       |                                    |        |        |        |        |        |      | 103       | 103      | 76       | 69        |  |  |    |
| 36/ 35      | .6                                  | 4.1  | 2.5   | 1.3  | .7   | .1   |                |       |          |       |                                    |        |        |        |        |        |      | 97        | 97       | 124      | 72        |  |  |    |
| 34/ 33      | .2                                  | 4.5  | 2.0   | .9   | .1   |      |                |       |          |       |                                    |        |        |        |        |        |      | 82        | 82       | 122      | 94        |  |  |    |
| 32/ 31      | .2                                  | 6.0  | 2.0   | .7   | .1   |      |                |       |          |       |                                    |        |        |        |        |        |      | 95        | 95       | 101      | 94        |  |  |    |
| 30/ 29      | .2                                  | 3.6  | 1.8   | .6   |      |      |                |       |          |       |                                    |        |        |        |        |        |      | 65        | 65       | 98       | 114       |  |  |    |
| 28/ 27      | .3                                  | 3.8  | 2.3   | .7   |      |      |                |       |          |       |                                    |        |        |        |        |        |      | 74        | 74       | 85       | 117       |  |  |    |
| 26/ 25      | .1                                  | 2.5  | 1.0   | .1   |      |      |                |       |          |       |                                    |        |        |        |        |        |      | 46        | 46       | 65       | 79        |  |  |    |
| 24/ 23      | .4                                  | 1.6  | 1.0   |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      | 32        | 32       | 56       | 55        |  |  |    |
| 22/ 21      | .1                                  | .3   | .2    |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      | 6         | 6        | 34       | 62        |  |  |    |
| 20/ 19      | .1                                  | .6   |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      | 7         | 7        | 14       | 48        |  |  |    |
| 18/ 17      |                                     | .4   |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      | 4         | 4        | 5        | 46        |  |  |    |
| 16/ 15      |                                     | .5   |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      | 5         | 5        | 4        | 33        |  |  |    |
| 14/ 13      |                                     | .1   |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      | 1         | 1        | 4        | 28        |  |  |    |
| 12/ 11      |                                     |      |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          | 1        | 14        |  |  |    |
| 10/ 9       |                                     |      |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 9         |  |  |    |
| 8/ 7        |                                     |      |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 17        |  |  |    |
| 6/ 5        |                                     |      |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 4         |  |  |    |
| 4/ 3        |                                     |      |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 6         |  |  |    |
| 2/ 1        |                                     |      |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 1         |  |  |    |
| TOTAL       | 2.5                                 | 40.5 | 31.5  | 14.8 | 5.8  | 3.9  | .8             | .3    |          |       |                                    |        |        |        |        |        |      | 1061      | 1063     | 1061     |           |  |  |    |
|             |                                     |      |       |      |      |      |                |       |          |       |                                    |        |        |        |        |        |      | 1061      |          | 1061     |           |  |  |    |
| Element (X) | Σ x²                                |      | Σ x   |      | X    |      | σ <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |      |           |          |          |           |  |  |    |
| Rel. Hum.   | 5707976                             |      | 76142 |      | 71.8 |      | 15.162         |       | 1061     |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |      |           |          | Total    |           |  |  |    |
| Dry Bulb    | 1511264                             |      | 39194 |      | 36.9 |      | 7.892          |       | 1063     |       | 26.5                               |        |        |        |        |        |      |           |          |          |           |  |  | 84 |
| Wet Bulb    | 1236813                             |      | 39457 |      | 33.4 |      | 6.997          |       | 1061     |       | 37.0                               |        |        |        |        |        |      |           |          |          |           |  |  | 84 |
| Dew Point   | 910748                              |      | 29696 |      | 28.0 |      | 8.665          |       | 1061     |       | 57.6                               |        |        |        |        |        |      |           |          |          |           |  |  | 84 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



2562                      PALMDALE APT CALIF  
STATION                      STATION NAME

49-54; 61-64, 71-73

F E 9

PAGE 1 0600-0800  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

FEB  
MONTH

PAGE 1

0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |        |                    |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       |       |                |       |       | .1       |       |       |                                    |        | 1        | 1        |           |        |                    |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       |                | .1    | .1    | .1       |       |       |                                    |        | 3        | 3        |           |        |                    |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       | .1             | .5    | .2    | .1       |       |       |                                    |        | 9        | 9        |           |        |                    |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      |       |       | .1    | .5             | .5    | .4    | .1       |       |       |                                    |        | 16       | 16       |           |        |                    |       |  |  |
| 66/ 65       |                                     |     |     |     |     |      |       | .3    | .2    | .8             | .2    | .3    |          |       |       |                                    |        | 19       | 19       |           |        |                    |       |  |  |
| 64/ 63       |                                     |     |     | .1  | .1  | .1   | .3    | .6    | 1.2   | .8             | .2    |       |          |       |       |                                    |        | 36       | 36       |           |        |                    |       |  |  |
| 62/ 61       |                                     |     |     | .2  | .4  | .7   | .9    | 1.4   | .8    |                |       |       |          |       |       |                                    |        | 47       | 47       |           |        |                    |       |  |  |
| 60/ 59       |                                     |     | .4  | .3  | .8  | 1.8  | 1.4   | 1.5   | .8    |                |       |       |          |       |       |                                    |        | 74       | 74       |           |        |                    |       |  |  |
| 58/ 57       |                                     | .2  |     | 1.0 | .8  | 1.7  | 2.1   | 1.4   | .4    |                |       |       |          |       |       |                                    |        | 81       | 81       | 1         |        |                    |       |  |  |
| 56/ 55       | .1                                  | .2  | .8  | 1.1 | 2.4 | 1.1  | 2.0   | .8    | .1    |                |       |       |          |       |       |                                    |        | 91       | 91       | 2         |        |                    |       |  |  |
| 54/ 53       |                                     | .2  | .8  | 1.3 | 1.9 | 2.1  | 1.5   | .8    |       |                |       |       |          |       |       |                                    |        | 94       | 94       | 10        | 1      |                    |       |  |  |
| 52/ 51       |                                     | .8  | 1.6 | 1.9 | 2.6 | 1.1  | 1.0   | .4    |       |                |       |       |          |       |       |                                    |        | 100      | 100      | 28        | 5      |                    |       |  |  |
| 50/ 49       |                                     | .4  | .8  | 1.4 | 2.1 | 1.9  | 1.6   | 1.0   | .3    |                |       |       |          |       |       |                                    |        | 101      | 101      | 67        | 4      |                    |       |  |  |
| 48/ 47       |                                     | .6  | 1.4 | 1.4 | 2.3 | 2.0  | 1.4   | .8    |       |                |       |       |          |       |       |                                    |        | 116      | 116      | 113       | 6      |                    |       |  |  |
| 46/ 45       |                                     | .4  | 1.0 | 1.7 | 2.2 | 1.1  | 1.6   | .4    |       |                |       |       |          |       |       |                                    |        | 89       | 89       | 143       | 22     |                    |       |  |  |
| 44/ 43       |                                     | .2  | .7  | 2.0 | 1.6 | 1.0  | .8    |       |       |                |       |       |          |       |       |                                    |        | 66       | 66       | 140       | 39     |                    |       |  |  |
| 42/ 41       |                                     | .3  | .7  | 1.0 | .8  | .4   | .2    |       |       |                |       |       |          |       |       |                                    |        | 35       | 35       | 134       | 42     |                    |       |  |  |
| 40/ 39       |                                     | .5  | .5  | 1.0 | .8  | .2   |       |       |       |                |       |       |          |       |       |                                    |        | 32       | 32       | 125       | 60     |                    |       |  |  |
| 38/ 37       |                                     | .1  | .3  | 1.1 | .2  | .4   |       |       |       |                |       |       |          |       |       |                                    |        | 22       | 22       | 104       | 63     |                    |       |  |  |
| 36/ 35       | .1                                  | .1  | .3  | .5  | .1  | .1   |       |       |       |                |       |       |          |       |       |                                    |        | 12       | 12       | 80        | 75     |                    |       |  |  |
| 34/ 33       | .2                                  | .2  | .3  | .1  | .1  | .1   |       |       |       |                |       |       |          |       |       |                                    |        | 10       | 10       | 48        | 97     |                    |       |  |  |
| 32/ 31       | .1                                  |     | .1  | .3  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 5        | 5        | 41        | 90     |                    |       |  |  |
| 30/ 29       |                                     |     | .1  | .1  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2        | 2        | 13        | 97     |                    |       |  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 8         | 76     |                    |       |  |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 4         | 72     |                    |       |  |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 67     |                    |       |  |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 42     |                    |       |  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 32     |                    |       |  |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 31     |                    |       |  |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 36     |                    |       |  |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 18     |                    |       |  |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 19     |                    |       |  |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 20     |                    |       |  |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 5      |                    |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     |     | Σ X |     |      | Σ     |       |       | Σ <sup>2</sup> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |          |          |           |        | Total              |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F   | ≥ 73 F   | ≥ 80 F    | ≥ 93 F | Total              |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |                    |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |                    |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |                    |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

۴۴۴

MONTH

C900-1100

HOURS (L - S - T)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 6 / 3        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 8         |  |
| 4 / 3        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 11        |  |
| 2 / 1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| 0 / -1       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| TOTAL        | .4                                  | 2.7   | 7.3   | 14.8  | 17.1  | 16.2   | 14.3    | 12.1    | 8.1     | 4.3     | 1.4     | .9      | .4      |         |         |         |      | 1061      | 1061     | 1061     |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       | </    |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |



## PSYCHROMETRIC SUMMARY

FEA  
MONTH

HOURS (L, S, T)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION NAME

49-54, 61-64, 71-73

**FEB**  
**MONTH**

PAGE 2 1200-1400  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | TOTAL     | TOTAL    |          |           |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 12/ 11       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 22        |
| 10/ 9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 21        |
| 8/ 7         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 11        |
| 6/ 5         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 13        |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 7         |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 13        |
| 0/ =1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |
| =2/ =3       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 4         |
| =4/ =5       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |
| =6/ =7       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |
| TOTAL        | .4                                  | 1.1   | 2.4   | 4.7   | 6.9   | 11.6   | 8.7     | 11.5    | 15.3    | 14.4    | 9.5     | 7.7     | 3.9     | 1.5     | .3      |         |      | 10.9      | 1059     | 1059     | 1059      |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

FEB  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |       |  |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|-------|--|
|              | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12      | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |                    |       |       |  |
| 80/ 79       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 1                  | 1     |       |  |
| 78/ 77       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 12                 | 12    |       |  |
| 76/ 75       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 17                 | 17    |       |  |
| 74/ 73       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 44                 | 44    |       |  |
| 72/ 71       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 40                 | 40    |       |  |
| 70/ 69       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 58                 | 58    |       |  |
| 68/ 67       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 55                 | 55    |       |  |
| 66/ 65       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 60                 | 60    |       |  |
| 64/ 63       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 79                 | 79    |       |  |
| 62/ 61       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 95                 | 95    |       |  |
| 60/ 59       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 90                 | 90    |       |  |
| 58/ 57       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 88                 | 88    |       |  |
| 56/ 55       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 81                 | 81    |       |  |
| 54/ 53       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 70                 | 70    |       |  |
| 52/ 51       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 58                 | 58    |       |  |
| 50/ 49       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 70                 | 70    |       |  |
| 48/ 47       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 45                 | 45    |       |  |
| 46/ 45       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 34                 | 34    |       |  |
| 44/ 43       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 24                 | 24    |       |  |
| 42/ 41       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 15                 | 15    |       |  |
| 40/ 39       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 11                 | 11    |       |  |
| 38/ 37       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 5                  | 5     |       |  |
| 36/ 35       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 3                  | 3     |       |  |
| 34/ 33       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 3                  | 3     |       |  |
| 32/ 31       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 30/ 29       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 28/ 27       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 26/ 25       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 24/ 23       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 22/ 21       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 20/ 19       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 18/ 17       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 16/ 15       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 14/ 13       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Element (X)  | $\Sigma X^2$                        |     | $\Sigma X$ |     | $\bar{X}$ |      | $\sigma_x$ |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Rel. Hum.    |                                     |     |            |     |           |      |            |       |          |       | ≤ 0 F                              |       | ≤ 32 F |       | ≥ 67 F |       | ≥ 73 F |          | ≥ 80 F   |           | ≥ 93 F             |       | Total |  |
| Dry Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Wet Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Dew Point    |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

FEB  
MONTH

1500-1700  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

49-54, 61-64, 71-73  
YEARS

FEB  
MONTH

PAGE 1 1900-2000  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           |     | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-------|------------|-------|-----------|--------|------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|----------|----------|-----------|-----|--------------------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4      | 5 - 6 | 7 - 8     | 9 - 10 | 11 - 12    | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | Dry Bulb | Wet Bulb | Dew Point |     |                    |       |  |  |
| 70/ 69       |                                     |       |            |       |           |        |            |         |          | .1      |                                    |         | .1      |         |         |         |       | 2        | 2        |           |     |                    |       |  |  |
| 68/ 67       |                                     |       |            |       |           |        |            |         |          | .1      |                                    | .1      |         |         |         |         |       | 2        | 2        |           |     |                    |       |  |  |
| 66/ 65       |                                     |       |            |       |           |        |            | .1      | .2       | .1      | .3                                 | .2      |         |         |         |         |       | 9        | 9        |           |     |                    |       |  |  |
| 64/ 63       |                                     |       |            |       |           |        | .2         | .2      | .6       | .3      | .1                                 | .2      |         |         |         |         |       | 16       | 16       |           |     |                    |       |  |  |
| 62/ 61       |                                     |       |            |       |           |        | .4         | .7      | .8       | .4      | .1                                 |         |         |         |         |         |       | 24       | 24       |           |     |                    |       |  |  |
| 60/ 59       |                                     |       |            |       |           | .3     | .9         | 1.0     | .8       | .4      | .1                                 |         |         |         |         |         |       | 37       | 37       |           |     |                    |       |  |  |
| 58/ 57       |                                     |       | .1         | .1    | .1        | 1.1    | 1.9        | .9      | .9       | .1      |                                    |         |         |         |         |         |       | 55       | 55       |           |     |                    |       |  |  |
| 56/ 55       |                                     |       | .2         | .8    | 1.0       | 1.4    | 1.8        | 1.9     | .3       |         |                                    |         |         |         |         |         |       | 80       | 80       |           |     |                    |       |  |  |
| 54/ 53       |                                     | .1    | 1.1        | .8    | 1.6       | 2.2    | 1.6        | 1.2     | .6       |         |                                    |         |         |         |         |         |       | 97       | 97       | 1         |     |                    |       |  |  |
| 52/ 51       |                                     | .1    | .9         | 1.6   | 2.4       | 1.8    | 1.6        | .7      | .3       |         |                                    |         |         |         |         |         |       | 100      | 100      | 10        | 1   |                    |       |  |  |
| 50/ 49       | .1                                  | .6    | 2.0        | 2.3   | 2.8       | 1.1    | 1.7        | .7      | .1       |         |                                    |         |         |         |         |         |       | 120      | 120      | 42        | 3   |                    |       |  |  |
| 48/ 47       |                                     | .7    | 2.6        | 2.3   | 1.9       | 1.2    | 1.1        | .4      | .1       |         |                                    |         |         |         |         |         |       | 110      | 110      | 67        | 7   |                    |       |  |  |
| 46/ 45       |                                     | .3    | 2.0        | 2.3   | 2.3       | 1.3    | .3         | .5      |          |         |                                    |         |         |         |         |         |       | 94       | 94       | 137       | 25  |                    |       |  |  |
| 44/ 43       |                                     | .9    | 1.5        | 1.5   | 1.8       | 1.3    | .7         | .1      |          |         |                                    |         |         |         |         |         |       | 82       | 82       | 138       | 35  |                    |       |  |  |
| 42/ 41       |                                     | .6    | 2.1        | 1.9   | 1.4       | .7     | .3         |         |          |         |                                    |         |         |         |         |         |       | 73       | 73       | 158       | 41  |                    |       |  |  |
| 40/ 39       |                                     | .3    | 2.2        | 1.9   | 1.0       | .9     | .3         |         |          |         |                                    |         |         |         |         |         |       | 69       | 69       | 114       | 71  |                    |       |  |  |
| 38/ 37       |                                     | .7    | 1.1        | .8    | .4        | .5     |            |         |          |         |                                    |         |         |         |         |         |       | 36       | 36       | 114       | 80  |                    |       |  |  |
| 36/ 35       |                                     | .5    | .8         | .8    | .5        | .1     |            |         |          |         |                                    |         |         |         |         |         |       | 27       | 27       | 102       | 80  |                    |       |  |  |
| 34/ 33       |                                     | .3    | .9         | .2    | .2        |        |            |         |          |         |                                    |         |         |         |         |         |       | 10       | 10       | 66        | 128 |                    |       |  |  |
| 32/ 31       |                                     |       | .6         | .1    |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 7        | 7        | 38        | 87  |                    |       |  |  |
| 30/ 29       |                                     |       | .9         | .1    |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 4        | 4        | 27        | 81  |                    |       |  |  |
| 28/ 27       |                                     |       |            | .1    | .1        |        |            |         |          |         |                                    |         |         |         |         |         |       | 2        | 2        | 14        | 70  |                    |       |  |  |
| 26/ 25       |                                     | .1    | .1         |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       | 2        | 2        | 6         | 58  |                    |       |  |  |
| 24/ 23       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          | 3         | 60  |                    |       |  |  |
| 22/ 21       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          | 1         | 61  |                    |       |  |  |
| 20/ 19       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 36  |                    |       |  |  |
| 18/ 17       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 27  |                    |       |  |  |
| 16/ 15       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 23  |                    |       |  |  |
| 14/ 13       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 27  |                    |       |  |  |
| 12/ 11       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 20  |                    |       |  |  |
| 10/ 9        |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 8   |                    |       |  |  |
| 8/ 7         |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 7   |                    |       |  |  |
| 6/ 5         |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 13  |                    |       |  |  |
| 4/ 3         |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 4   |                    |       |  |  |
| Element (X)  | $\Sigma X^2$                        |       | $\Sigma X$ |       | $\bar{X}$ |        | $\sigma_x$ |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |       |          |          |           |     |                    |       |  |  |
| Rel. Hum.    |                                     |       |            |       |           |        |            |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F  | Total |          |          |           |     |                    |       |  |  |
| Dry Bulb     |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           |     |                    |       |  |  |
| Wet Bulb     |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           |     |                    |       |  |  |
| Dew Point    |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |          |          |           |     |                    |       |  |  |



## PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF

49-54, 61-64, 71-73

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STATION

STATION NAME

YEARS

**MONTH**

PAGE 2

1900-2000  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |  |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |       |       |  |  |
| 0/ -1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |       |       |  |  |
| -2/ -3       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |       |       |  |  |
| TOTAL        | .1                                  | 4.9   | 17.7  | 17.5  | 17.5  | 13.9   | 12.8    | 8.3     | 4.8     | 1.4     | .6      | .5      | .1      |         |         |         |      | 1058      | 1058     |          | 1053      |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 1058      |          | 1058     |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |
|              |                                     |       |       | </    |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |       |       |  |  |



## PSYCHROMETRIC SUMMARY

FER  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          | TOTAL    | TOTAL     |        |  |       |
|-------------|-------------------------------------|------|------|-------|------|------|-------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|------|-----------|----------|----------|-----------|--------|--|-------|
|             | 0                                   | 1-2  | 3-4  | 5-6   | 7-8  | 9-10 | 11-12 | 13-14          | 15-16 | 17-18    | 19-20 | 21-22                              | 23-24 | 25-26  | 27-28 | 29-30  | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |        |  |       |
| 62/ 61      |                                     |      |      |       |      |      |       |                | .1    | .1       |       |                                    |       |        |       |        |      | 2         | 2        |          |           |        |  |       |
| 60/ 59      |                                     |      |      |       |      |      | .3    | .2             |       |          |       |                                    |       |        |       |        |      | 3         | 5        |          |           |        |  |       |
| 58/ 57      |                                     |      |      | .1    |      | .7   | .3    | .4             | .1    |          |       |                                    |       |        |       |        |      | 16        | 16       |          |           |        |  |       |
| 56/ 55      |                                     |      |      | .6    | .3   | .9   | .6    | .5             | .2    |          |       |                                    |       |        |       |        |      | 31        | 31       |          |           |        |  |       |
| 54/ 53      |                                     |      | 1.0  | .4    | .3   | 1.0  | .7    | .4             |       |          |       |                                    |       |        |       |        |      | 40        | 40       |          |           |        |  |       |
| 52/ 51      |                                     | .3   | .7   | .9    | 1.5  | 1.2  | 1.0   | .2             |       |          |       |                                    |       |        |       |        |      | 60        | 60       | 2        |           |        |  |       |
| 50/ 49      | .1                                  | .3   | 1.1  | 1.3   | 2.4  | 1.0  | .8    | .2             |       |          |       |                                    |       |        |       |        |      | 73        | 75       | 26       | 3         |        |  |       |
| 48/ 47      |                                     | 1.4  | 2.9  | 2.0   | 2.3  | 1.6  | .2    |                |       |          |       |                                    |       |        |       |        |      | 109       | 109      | 31       | 11        |        |  |       |
| 46/ 45      |                                     | 1.4  | 2.6  | 3.0   | 1.3  | 1.3  | 1.0   | .2             |       |          |       |                                    |       |        |       |        |      | 114       | 114      | 63       | 14        |        |  |       |
| 44/ 43      |                                     | 1.2  | 3.3  | 2.3   | 1.2  | .8   | .5    |                |       |          |       |                                    |       |        |       |        |      | 100       | 100      | 102      | 31        |        |  |       |
| 42/ 41      |                                     | .7   | 2.9  | 2.3   | 1.4  | .4   |       |                |       |          |       |                                    |       |        |       |        |      | 81        | 81       | 120      | 35        |        |  |       |
| 40/ 39      |                                     | 2.0  | 3.2  | 3.6   | 1.2  | .9   |       |                |       |          |       |                                    |       |        |       |        |      | 113       | 115      | 118      | 61        |        |  |       |
| 38/ 37      | .2                                  | 2.6  | 3.4  | 2.2   | 1.1  | .2   |       |                |       |          |       |                                    |       |        |       |        |      | 102       | 102      | 123      | 70        |        |  |       |
| 36/ 35      |                                     | 1.5  | 2.2  | 1.5   | .7   | .4   |       |                |       |          |       |                                    |       |        |       |        |      | 66        | 66       | 118      | 82        |        |  |       |
| 34/ 33      | .2                                  | 1.0  | 2.3  | 2.0   | .6   |      |       |                |       |          |       |                                    |       |        |       |        |      | 64        | 64       | 115      | 113       |        |  |       |
| 32/ 31      |                                     | .6   | 1.7  | 1.0   | .1   |      |       |                |       |          |       |                                    |       |        |       |        |      | 35        | 35       | 73       | 106       |        |  |       |
| 30/ 29      |                                     | .5   | .7   | .6    |      |      |       |                |       |          |       |                                    |       |        |       |        |      | 18        | 18       | 68       | 91        |        |  |       |
| 28/ 27      |                                     | .3   | .1   |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      | 4         | 4        | 49       | 69        |        |  |       |
| 26/ 25      |                                     | .1   | .3   | .2    |      |      |       |                |       |          |       |                                    |       |        |       |        |      | 8         | 8        | 22       | 85        |        |  |       |
| 24/ 23      |                                     | .2   | .2   |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      | 4         | 4        | 8        | 55        |        |  |       |
| 22/ 21      |                                     | .1   | .1   |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      | 2         | 2        | 6        | 50        |        |  |       |
| 20/ 19      |                                     |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          | 5        | 40        |        |  |       |
| 18/ 17      |                                     |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          |          | 29        |        |  |       |
| 16/ 15      |                                     |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          |          | 32        |        |  |       |
| 14/ 13      |                                     |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          |          | 16        |        |  |       |
| 12/ 11      |                                     |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          |          | 19        |        |  |       |
| 10/ 9       |                                     |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          |          | 11        |        |  |       |
| 8/ 7        |                                     |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          |          | 10        |        |  |       |
| 6/ 5        |                                     |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          |          | 7         |        |  |       |
| 4/ 3        |                                     |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          |          | 5         |        |  |       |
| 2/ 1        |                                     |      |      |       |      |      |       |                |       |          |       |                                    |       |        |       |        |      |           |          |          | 1         |        |  |       |
| TOTAL       | .5                                  | 14.2 | 29.1 | 23.9  | 14.5 | 10.3 | 3.1   | 2.0            | .4    | .1       |       |                                    |       |        |       |        |      | 1051      | 1051     | 1051     |           |        |  |       |
| Element (X) | Σ x <sup>2</sup>                    |      |      | Σ x   |      | x̄   |       | s <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |      |           |          |          |           |        |  |       |
| Rel Hum.    | 4268315                             |      |      | 64517 |      | 61.4 |       | 17.123         |       | 1051     |       | ≤ 0 F                              |       | ≤ 32 F |       | ≥ 67 F |      | ≥ 73 F    |          | ≥ 80 F   |           | ≥ 93 F |  | Total |
| Dry Bulb    | 1979562                             |      |      | 45002 |      | 42.8 |       | 7.081          |       | 1051     |       |                                    |       | 5.7    |       |        |      |           |          |          |           |        |  | P4    |
| Wet Bulb    | 1498880                             |      |      | 39170 |      | 37.3 |       | 6.098          |       | 1051     |       |                                    |       | 18.5   |       |        |      |           |          |          |           |        |  | P4    |
| Dew Point   | 995082                              |      |      | 30928 |      | 29.4 |       | 8.995          |       | 1051     |       | .1                                 |       | 50.1   |       |        |      |           |          |          |           |        |  | P4    |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

MAR

STATION

STATION NAME

YEARS

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HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |     |    |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|-------|------------------------------------|--------|--------|--------|--------|--------|----------|----------|-----------|--|--|--|--|--|--|-------|--|--|--|--|--------------------|-------|-----|----|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20 | 21-22                              | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |       |  |  |  |  |                    |       |     |    |
| 62/ 61       |                                     |     |     |     |     | .2   | .3    | .1    |          |       |       |                                    |        |        |        |        |        | 6        | 6        |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     |    |
| 60/ 59       |                                     |     |     |     |     |      | .1    | .1    | .1       |       |       |                                    |        |        |        |        |        | 4        | 4        |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     |    |
| 58/ 57       |                                     |     |     | .1  | .1  | .2   | .1    | .3    | .3       |       |       |                                    |        |        |        |        |        | 12       | 12       |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     |    |
| 56/ 55       |                                     |     |     | .3  | .3  | .5   | .7    | .5    | .3       |       |       |                                    |        |        |        |        |        | 30       | 30       |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     |    |
| 54/ 53       |                                     |     |     | .3  | .8  | .8   | 1.1   | .3    |          |       |       |                                    |        |        |        |        |        | 40       | 40       |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     |    |
| 52/ 51       |                                     | .1  | .3  | 1.1 | .8  | 1.3  | .5    | .2    |          |       |       |                                    |        |        |        |        |        | 50       | 50       |           |  |  |  |  |  |  |       |  |  |  |  |                    | 3     |     |    |
| 50/ 49       |                                     |     | .8  | 1.8 | 1.7 | 1.3  | .3    | .1    |          |       |       |                                    |        |        |        |        |        | 70       | 70       |           |  |  |  |  |  |  |       |  |  |  |  |                    | 12    |     |    |
| 48/ 47       |                                     | .3  | 1.6 | 2.1 | 2.8 | .9   | .3    |       |          |       |       |                                    |        |        |        |        |        | 96       | 96       |           |  |  |  |  |  |  |       |  |  |  |  |                    | 18    | 1   |    |
| 46/ 45       |                                     | 1.0 | 3.0 | 3.0 | 2.2 | .5   | .3    |       |          |       |       |                                    |        |        |        |        |        | 119      | 119      |           |  |  |  |  |  |  |       |  |  |  |  |                    | 49    | 5   |    |
| 44/ 43       |                                     | 1.0 | 3.3 | 2.3 | 1.4 | .5   | .1    |       |          |       |       |                                    |        |        |        |        |        | 103      | 103      |           |  |  |  |  |  |  |       |  |  |  |  |                    | 94    | 18  |    |
| 42/ 41       |                                     | 2.9 | 4.9 | 3.4 | 1.3 | .7   |       |       |          |       |       |                                    |        |        |        |        |        | 155      | 155      |           |  |  |  |  |  |  |       |  |  |  |  |                    | 133   | 34  |    |
| 40/ 39       |                                     | 2.3 | 4.2 | 2.4 | 1.2 | .8   |       |       |          |       |       |                                    |        |        |        |        |        | 129      | 129      |           |  |  |  |  |  |  |       |  |  |  |  |                    | 167   | 57  |    |
| 38/ 37       |                                     | 3.3 | 5.4 | 1.1 | .4  | .2   | .1    |       |          |       |       |                                    |        |        |        |        |        | 124      | 124      |           |  |  |  |  |  |  |       |  |  |  |  |                    | 157   | 112 |    |
| 36/ 35       | .2                                  | 1.8 | 2.9 | 1.2 | .7  | .1   |       |       |          |       |       |                                    |        |        |        |        |        | 80       | 80       |           |  |  |  |  |  |  |       |  |  |  |  |                    | 159   | 109 |    |
| 34/ 33       | .3                                  | 2.4 | 1.8 | 1.4 | .3  |      |       |       |          |       |       |                                    |        |        |        |        |        | 73       | 73       |           |  |  |  |  |  |  |       |  |  |  |  |                    | 121   | 142 |    |
| 32/ 31       | .2                                  | 1.4 | .8  | .5  | .3  |      |       |       |          |       |       |                                    |        |        |        |        |        | 37       | 37       |           |  |  |  |  |  |  |       |  |  |  |  |                    | 101   | 137 |    |
| 30/ 29       |                                     | .4  | 1.3 | .4  |     | .2   |       |       |          |       |       |                                    |        |        |        |        |        | 27       | 27       |           |  |  |  |  |  |  |       |  |  |  |  |                    | 57    | 144 |    |
| 28/ 27       |                                     | .3  | .2  | .4  |     |      |       |       |          |       |       |                                    |        |        |        |        |        | 11       | 11       |           |  |  |  |  |  |  |       |  |  |  |  |                    | 40    | 89  |    |
| 26/ 25       | .3                                  | .3  | .2  | .1  |     |      |       |       |          |       |       |                                    |        |        |        |        |        | 10       | 10       |           |  |  |  |  |  |  |       |  |  |  |  |                    | 23    | 100 |    |
| 24/ 23       |                                     | .3  | .2  | .2  |     |      |       |       |          |       |       |                                    |        |        |        |        |        | 7        | 7        |           |  |  |  |  |  |  |       |  |  |  |  |                    | 14    | 40  |    |
| 22/ 21       |                                     |     | .1  |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        | 1        | 1        |           |  |  |  |  |  |  |       |  |  |  |  |                    | 8     | 54  |    |
| 20/ 19       |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       | 4   | 27 |
| 18/ 17       |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       | 2   | 36 |
| 16/ 15       |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 19 |
| 14/ 13       |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 21 |
| 12/ 11       |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 13 |
| 10/ 9        |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 10 |
| 8/ 7         |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 6  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 3  |
| 4/ 3         |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 1  |
| 0/ -1        |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 1  |
| -4/ -5       |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 1  |
| -6/ -7       |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 1  |
| -10/-11      |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     | 1  |
| Element (X)  | Σ X <sup>2</sup>                    |     |     | Σ X |     |      | Σ     | Σ     | No. Obs. |       |       | Mean No. of Hours with Temperature |        |        |        |        |        |          |          |           |  |  |  |  |  |  | Total |  |  |  |  |                    |       |     |    |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     |    |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     |    |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     |    |
| Dew Point    |                                     |     |     |     |     |      |       |       |          |       |       |                                    |        |        |        |        |        |          |          |           |  |  |  |  |  |  |       |  |  |  |  |                    |       |     |    |



## PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

MAR  
MONTH

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HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          | TOTAL    | TOTAL     |  |  |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|----------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|-----------|----------|----------|-----------|--|--|
|             | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12        | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |
| 62/ 61      |                                     |       |       |       |       | .1     |                |         | .1       |         |                                    |         |         |         |         |         |       | 2         | 2        |          |           |  |  |
| 60/ 59      |                                     |       |       |       |       | .3     |                |         |          |         |                                    |         |         |         |         |         |       | 3         | 3        |          |           |  |  |
| 58/ 57      |                                     |       |       |       | .1    | .2     | .3             | .2      |          | .1      |                                    |         |         |         |         |         |       | 9         | 9        |          |           |  |  |
| 56/ 55      |                                     |       | .3    |       | .3    | .4     | .1             | .3      | .1       |         |                                    |         |         |         |         |         |       | 16        | 16       |          |           |  |  |
| 54/ 53      |                                     |       |       | .4    | .5    | .3     | .7             | .1      | .1       |         |                                    |         |         |         |         |         |       | 25        | 25       |          |           |  |  |
| 52/ 51      |                                     |       | .3    | .8    | .6    | .5     | .3             | .1      |          |         |                                    |         |         |         |         |         |       | 32        | 32       | 5        |           |  |  |
| 50/ 49      |                                     |       | .3    | .3    | .9    | .8     | .3             |         |          |         |                                    |         |         |         |         |         |       | 31        | 31       | 4        |           |  |  |
| 48/ 47      |                                     |       | .9    | 1.4   | 1.2   | .9     |                |         |          |         |                                    |         |         |         |         |         |       | 53        | 53       | 19       | 3         |  |  |
| 46/ 45      |                                     | .4    | 3.6   | 2.8   | .8    | 1.0    | .1             |         |          |         |                                    |         |         |         |         |         |       | 103       | 103      | 26       | 4         |  |  |
| 44/ 43      |                                     | 1.9   | 4.3   | 2.4   | 1.4   | .3     | .3             |         |          |         |                                    |         |         |         |         |         |       | 125       | 125      | 52       | 10        |  |  |
| 42/ 41      |                                     | 2.1   | 3.1   | 2.8   | .8    | .7     |                |         |          |         |                                    |         |         |         |         |         |       | 112       | 112      | 126      | 23        |  |  |
| 40/ 39      |                                     | 2.3   | 6.1   | 2.4   | .5    | .4     | .1             |         |          |         |                                    |         |         |         |         |         |       | 139       | 139      | 121      | 52        |  |  |
| 38/ 37      | .1                                  | 3.9   | 4.9   | 1.0   | .8    | .2     |                |         |          |         |                                    |         |         |         |         |         |       | 128       | 128      | 139      | 80        |  |  |
| 36/ 35      | .2                                  | 3.5   | 4.6   | 1.5   | .5    |        |                |         |          |         |                                    |         |         |         |         |         |       | 121       | 121      | 192      | 101       |  |  |
| 34/ 33      | .3                                  | 3.1   | 3.0   | 1.0   | .5    |        |                |         |          |         |                                    |         |         |         |         |         |       | 94        | 94       | 127      | 128       |  |  |
| 32/ 31      | .3                                  | 3.8   | 1.2   | .7    |       |        |                |         |          |         |                                    |         |         |         |         |         |       | 75        | 75       | 127      | 139       |  |  |
| 30/ 29      | .2                                  | 1.9   | 1.3   | .5    |       |        |                |         |          |         |                                    |         |         |         |         |         |       | 45        | 45       | 95       | 155       |  |  |
| 28/ 27      | .2                                  | .7    | 1.2   | .2    | .1    |        |                |         |          |         |                                    |         |         |         |         |         |       | 31        | 31       | 62       | 126       |  |  |
| 26/ 25      | .2                                  | .9    | .8    | .2    | .1    |        |                |         |          |         |                                    |         |         |         |         |         |       | 25        | 25       | 36       | 94        |  |  |
| 24/ 23      | .1                                  | .2    | .2    | .1    |       |        |                |         |          |         |                                    |         |         |         |         |         |       | 6         | 6        | 30       | 68        |  |  |
| 22/ 21      | .1                                  | .3    | .1    |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       | 5         | 5        | 10       | 44        |  |  |
| 20/ 19      |                                     | .3    | .2    |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       | 5         | 5        | 9        | 29        |  |  |
| 18/ 17      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          | 3        | 40        |  |  |
| 16/ 15      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          | 2        | 25        |  |  |
| 14/ 13      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 21        |  |  |
| 12/ 11      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 18        |  |  |
| 10/ 9       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 13        |  |  |
| 8/ 7        |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 6         |  |  |
| 6/ 5        |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 1         |  |  |
| 2/ 1        |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 2         |  |  |
| 0/ =1       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 1         |  |  |
| =8/ =9      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 1         |  |  |
| =10/ =11    |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 1         |  |  |
| Element (X) | Σ X <sup>2</sup>                    |       | Σ X   |       | X̄    |        | s <sub>x</sub> |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         | Total |           |          |          |           |  |  |
| Rel Hum.    |                                     |       |       |       |       |        |                |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F  | Total |           |          |          |           |  |  |
| Dry Bulb    |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |  |  |
| Wet Bulb    |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |  |  |
| Dew Point   |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |  |  |



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HOURS (L. S. T.)

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
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| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | TOTAL<br>D.B./W.B. | TOTAL |     |     |       |  |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|----------|--|--|--|--|------------------------------------|--------|--------|--------|--------|--------|--------------------|-------|-----|-----|-------|--|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     |     |       |  |
| 82/ 81      |                                     |     |     |     |     |      |       |       |       |       |       |       | .1    |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    | 1     | 1   |     |       |  |
| 80/ 79      |                                     |     |     |     |     |      |       |       |       |       |       |       |       | .2    |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    | 2     | 2   |     |       |  |
| 78/ 77      |                                     |     |     |     |     |      |       |       |       |       |       | .1    | .3    | .2    |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 6                  | 6     |     |     |       |  |
| 76/ 75      |                                     |     |     |     |     |      |       |       |       |       |       | .2    | .2    | .1    | .1    |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 6                  | 6     |     |     |       |  |
| 74/ 73      |                                     |     |     |     |     |      |       |       |       |       | .1    | .1    | .3    | .3    |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 12                 | 12    |     |     |       |  |
| 72/ 71      |                                     |     |     |     |     |      |       |       |       |       | .3    | .3    | .4    | .3    | .1    |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 15                 | 15    |     |     |       |  |
| 70/ 69      |                                     |     |     |     |     |      |       |       | .2    | .4    | .9    | 1.2   | .9    |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 45                 | 45    |     |     |       |  |
| 68/ 67      |                                     |     |     |     |     |      |       | .1    | .4    | .6    | 1.1   | 1.2   | .4    |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 45                 | 45    |     |     |       |  |
| 66/ 65      |                                     |     |     |     |     |      | .3    | .4    | 1.4   | 1.2   | 1.2   | .3    |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 57                 | 57    |     |     |       |  |
| 64/ 63      |                                     |     |     |     | .1  | .1   | .7    | 1.0   | 2.2   | 1.3   | .4    | .1    |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 69                 | 69    |     |     |       |  |
| 62/ 61      |                                     |     |     | .2  | .2  | 1.0  | 1.3   | 2.0   | .8    | .6    |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 72                 | 72    |     |     |       |  |
| 60/ 59      |                                     |     |     | .1  | .8  | 1.2  | 2.4   | 1.9   | .9    | .3    |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 91                 | 91    |     |     |       |  |
| 58/ 57      |                                     |     |     |     |     | 1.4  | 2.2   | 2.0   | 1.3   | .3    |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 85                 | 85    | 2   |     |       |  |
| 56/ 55      |                                     |     |     | .5  | 1.7 | 2.1  | 1.4   | 1.5   | .1    |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 87                 | 87    | 3   |     |       |  |
| 54/ 53      |                                     |     |     | .2  | 1.9 | 2.3  | 2.4   | 1.0   | .4    | .3    |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 106                | 106   | 31  |     |       |  |
| 52/ 51      |                                     |     | .3  | .5  | 2.0 | 2.9  | 1.4   | 1.0   | .3    |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 99                 | 99    | 64  |     |       |  |
| 50/ 49      |                                     |     | .3  | 1.9 | 2.3 | 2.4  | .8    | .6    | .3    |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 99                 | 99    | 86  | 2   |       |  |
| 48/ 47      |                                     |     | .3  | 1.7 | 2.4 | 1.4  | .8    | .7    | .1    |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 87                 | 87    | 136 | 2   |       |  |
| 46/ 45      |                                     | .7  | .6  | 1.9 | 2.1 | 1.0  | .5    | .1    | .1    |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 83                 | 83    | 188 | 6   |       |  |
| 44/ 43      |                                     | .3  | .6  | 1.1 | 1.5 | .3   | .6    | .1    |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 54                 | 54    | 174 | 17  |       |  |
| 42/ 41      | .1                                  | .3  | .4  | .7  | .8  | .2   | .1    |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 29                 | 29    | 163 | 38  |       |  |
| 40/ 39      |                                     | .2  | .2  | .3  | .3  | .3   |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 14                 | 14    | 131 | 62  |       |  |
| 38/ 37      |                                     | .1  | .2  | .1  | .3  |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 7                  | 7     | 83  | 87  |       |  |
| 36/ 35      | .1                                  | .1  | .1  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 3                  | 3     | 57  | 105 |       |  |
| 34/ 33      | .4                                  | .2  | .1  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 8                  | 8     | 36  | 137 |       |  |
| 32/ 31      | .1                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 1                  | 1     | 19  | 139 |       |  |
| 30/ 29      | .1                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        | 1                  | 1     | 6   | 116 |       |  |
| 28/ 27      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     | 104 |       |  |
| 26/ 25      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     | 81  |       |  |
| 24/ 23      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     | 59  |       |  |
| 22/ 21      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     | 53  |       |  |
| 20/ 19      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     | 41  |       |  |
| 18/ 17      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     | 23  |       |  |
| 16/ 15      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     | 20  |       |  |
| Element (X) | Σ X <sup>2</sup>                    |     |     |     |     | Σ X  |       |       |       |       | Σ     |       |       |       |       | Σ X   |      |          |          |           | No. Obs. |  |  |  |  | Mean No. of Hours with Temperature |        |        |        |        |        |                    |       |     |     | Total |  |
| Rel. Hum    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |                    |       |     |     |       |  |
| Dry Bulb    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     |     |       |  |
| Wet Bulb    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     |     |       |  |
| Dew Point   |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |          |          |           |          |  |  |  |  |                                    |        |        |        |        |        |                    |       |     |     |       |  |



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION NAME

49-54, 61-64, 71-73 YEARS

MAP  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

MAR

YEARS

MONTH

1200-1400

HOURS (L. S. T.)

[illegible]



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## 477 54321

MAR  
MONTH

USAFETAC FORM 0-26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

MAR  
MONTH

PAGE 1

1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|----------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|-----------|----------|----------|-----------|-------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12        | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |  |
| 84/ 83       |                                     |       |       |       |       |        |                |         |          |         |                                    |         | .1      | .1      | .3      | .1      |       | 7         | 7        |          |           |       |       |  |  |
| 82/ 81       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         | .3      | .3      |         |       | 7         | 7        |          |           |       |       |  |  |
| 80/ 79       |                                     |       |       |       |       |        |                |         |          | .1      | .1                                 |         | .6      | .8      | .3      |         |       | 22        | 22       |          |           |       |       |  |  |
| 78/ 77       |                                     |       |       |       |       |        |                |         |          | .1      | .2                                 | .1      | .9      | 1.2     | .1      |         |       | 30        | 30       |          |           |       |       |  |  |
| 76/ 75       |                                     |       |       |       |       |        |                |         |          | .2      | .3                                 | .8      | 1.6     | 1.3     |         |         |       | 49        | 49       |          |           |       |       |  |  |
| 74/ 73       |                                     |       |       |       |       |        |                |         |          | .3      | .3                                 | 1.4     | 1.3     | .6      |         |         |       | 45        | 45       |          |           |       |       |  |  |
| 72/ 71       |                                     |       |       |       |       |        |                |         | .2       | .4      | 1.5                                | 1.8     | 1.1     | .1      |         |         |       | 60        | 60       |          |           |       |       |  |  |
| 70/ 69       |                                     |       |       |       |       |        | .1             | .2      | .4       | .9      | 1.4                                | 2.7     | .3      |         |         |         |       | 71        | 71       |          |           |       |       |  |  |
| 68/ 67       |                                     |       |       |       |       |        |                | .3      | 1.1      | 1.3     | 2.4                                | 1.0     | .3      |         |         |         |       | 74        | 74       |          |           |       |       |  |  |
| 66/ 65       |                                     |       |       |       |       |        | .2             | .4      | 1.2      | 1.7     | 1.9                                | .5      |         |         |         |         |       | 70        | 70       |          |           |       |       |  |  |
| 64/ 63       |                                     |       |       |       | .2    |        | .3             | 1.6     | 1.9      | 1.4     | 1.0                                | .3      |         |         |         |         |       | 79        | 79       |          |           |       |       |  |  |
| 62/ 61       |                                     |       |       |       |       | .2     | .9             | 1.2     | 1.0      | 1.9     | .6                                 | .1      |         |         |         |         |       | 70        | 70       | 3        |           |       |       |  |  |
| 60/ 59       |                                     |       |       |       | .2    | 1.1    | 1.3            | 1.4     | 1.1      | .8      | .7                                 |         |         |         |         |         |       | 77        | 77       | 3        |           |       |       |  |  |
| 58/ 57       |                                     |       |       |       | .3    | 1.3    | 1.8            | 1.2     | .5       | .5      | .3                                 |         |         |         |         |         |       | 70        | 70       | 7        |           |       |       |  |  |
| 56/ 55       |                                     |       |       | .2    | 1.0   | 2.4    | 1.8            | 1.0     | .4       | .7      | .1                                 |         |         |         |         |         |       | 89        | 89       | 39       |           |       |       |  |  |
| 54/ 53       |                                     | .1    | .1    | .3    | 1.8   | 1.8    | .9             | .7      | 1.0      | .3      |                                    |         |         |         |         |         |       | 82        | 82       | 57       |           |       |       |  |  |
| 52/ 51       |                                     |       | .1    | .9    | 1.8   | 1.1    | .8             | .3      | .3       |         |                                    |         |         |         |         |         |       | 63        | 63       | 127      |           |       |       |  |  |
| 50/ 49       |                                     |       | .3    | 1.5   | 1.0   | .6     | .8             | .3      | .3       |         |                                    |         |         |         |         |         |       | 57        | 57       | 155      | 5         |       |       |  |  |
| 48/ 47       |                                     | .3    | .3    | 1.4   | .9    | .8     | .4             | .1      | .3       |         |                                    |         |         |         |         |         |       | 54        | 54       | 177      | 5         |       |       |  |  |
| 46/ 45       |                                     | .4    | .3    | .9    | .8    | .8     | .1             | .1      |          |         |                                    |         |         |         |         |         |       | 40        | 40       | 185      | 7         |       |       |  |  |
| 44/ 43       |                                     | .4    | .6    | .3    | .8    | .2     |                | .1      |          |         |                                    |         |         |         |         |         |       | 28        | 28       | 134      | 24        |       |       |  |  |
| 42/ 41       |                                     | .6    | .3    | .2    | .1    |        |                | .1      |          |         |                                    |         |         |         |         |         |       | 14        | 14       | 92       | 47        |       |       |  |  |
| 40/ 39       |                                     | .6    | .3    | .2    |       |        |                |         |          |         |                                    |         |         |         |         |         |       | 12        | 12       | 87       | 81        |       |       |  |  |
| 38/ 37       | .1                                  | .3    | .1    |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       | 6         | 6        | 64       | 102       |       |       |  |  |
| 36/ 35       |                                     | .3    |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       | 3         | 3        | 39       | 110       |       |       |  |  |
| 34/ 33       | .1                                  |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       | 1         | 1        | 7        | 113       |       |       |  |  |
| 32/ 31       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          | 4        | 101       |       |       |  |  |
| 30/ 29       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          | 1        | 100       |       |       |  |  |
| 28/ 27       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 65        |       |       |  |  |
| 26/ 25       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 97        |       |       |  |  |
| 24/ 23       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 70        |       |       |  |  |
| 22/ 21       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 54        |       |       |  |  |
| 20/ 19       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 53        |       |       |  |  |
| 18/ 17       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 29        |       |       |  |  |
| Element (X)  | Σ x <sup>2</sup>                    |       | Σ x   |       | X     |        | σ <sub>x</sub> |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |       |           |          |          |           |       |       |  |  |
| Rel. Hum.    |                                     |       |       |       |       |        |                |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F  | Total |           |          |          |           |       |       |  |  |
| Dry Bulb     |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |       |       |  |  |
| Wet Bulb     |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |       |       |  |  |
| Dew Point    |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |       |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



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## YEARS

49-54, 61-64, 71-73

MAR  
MONTH

HOURS (L. S. T.)

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

MAR  
MONTH

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HOURS (L. S. T.)

[illegible]



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## PSYCHROMETRIC SUMMARY

**23182**  
STATION

PALMDALE APT CALIF

49-54, 61-64, 71-73

  MAR    
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

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YEARS

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2100-2300  
HOURS (L. S. T.)

FORM 0-26-3 (Q1 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

23182  
STATIC

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-73

APR  
MONTH

PAGE 1

0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          | TOTAL    | TOTAL     |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|----------------|---------|---------|---------|------------------------------------|---------|---------|---------|--------|-----------|----------|----------|-----------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16        | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24                            | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |
| 68/ 67       |                                     |       |       |       |       |        |         | .3      |                |         |         |         |                                    |         |         |         |        | 4         | 4        |          |           |  |  |
| 66/ 65       |                                     |       |       |       |       |        | .1      | .1      |                | .2      |         |         |                                    |         |         |         |        | 4         | 4        |          |           |  |  |
| 64/ 63       |                                     |       |       |       |       |        | .3      | 1.0     | .2             |         | .1      |         |                                    |         |         |         |        | 18        | 18       |          |           |  |  |
| 62/ 61       |                                     |       |       |       | .1    | .6     | .3      | .7      | .2             | .2      |         |         |                                    |         |         |         |        | 23        | 23       |          |           |  |  |
| 60/ 59       |                                     |       |       |       | .6    | 1.0    | .9      | 1.2     | .6             | .3      |         |         |                                    |         |         |         |        | 53        | 53       |          |           |  |  |
| 58/ 57       |                                     |       |       | .1    | .6    | 1.8    | 1.5     | .6      | .3             | .2      |         |         |                                    |         |         |         |        | 59        | 59       |          |           |  |  |
| 56/ 55       |                                     |       | .3    | 1.1   | 2.0   | 1.8    | 1.5     | .7      | .3             |         |         |         |                                    |         |         |         |        | 88        | 88       | 1        |           |  |  |
| 54/ 53       |                                     |       | .3    | 2.4   | 1.6   | 1.5    | 1.0     | .3      | .1             | .2      |         |         |                                    |         |         |         |        | 85        | 85       | 6        |           |  |  |
| 52/ 51       |                                     | .2    | 1.6   | 3.0   | 2.2   | 1.6    | .8      | .2      |                | .1      |         |         |                                    |         |         |         |        | 111       | 111      | 30       |           |  |  |
| 50/ 49       |                                     | .5    | 3.2   | 4.9   | 2.6   | 1.1    | 1.1     | .3      |                |         |         |         |                                    |         |         |         |        | 135       | 135      | 67       |           |  |  |
| 48/ 47       |                                     | 1.3   | 4.2   | 2.5   | 2.3   | 1.0    | .7      | .1      |                |         |         |         |                                    |         |         |         |        | 140       | 140      | 139      | 11        |  |  |
| 46/ 45       |                                     | 1.3   | 3.3   | 3.0   | 1.7   | 1.3    | .3      | .1      |                |         |         |         |                                    |         |         |         |        | 128       | 128      | 162      | 39        |  |  |
| 44/ 43       |                                     | .7    | 2.6   | 3.1   | 1.4   | .5     | .1      |         |                |         |         |         |                                    |         |         |         |        | 97        | 97       | 172      | 85        |  |  |
| 42/ 41       | .1                                  | .6    | 2.8   | 2.3   | .3    |        |         |         |                |         |         |         |                                    |         |         |         |        | 74        | 74       | 140      | 119       |  |  |
| 40/ 39       |                                     | 1.5   | 2.9   | 1.0   | .2    | .2     |         |         |                |         |         |         |                                    |         |         |         |        | 66        | 66       | 127      | 123       |  |  |
| 38/ 37       |                                     | .8    | 1.9   | .6    | .3    |        |         |         |                |         |         |         |                                    |         |         |         |        | 41        | 41       | 139      | 85        |  |  |
| 36/ 35       |                                     | .3    | .4    | .3    | .3    |        |         |         |                |         |         |         |                                    |         |         |         |        | 15        | 15       | 94       | 124       |  |  |
| 34/ 33       |                                     | .3    | .4    | .1    | .1    |        |         |         |                |         |         |         |                                    |         |         |         |        | 10        | 10       | 44       | 120       |  |  |
| 32/ 31       |                                     |       | .1    |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        | 1         | 1        | 16       | 118       |  |  |
| 30/ 29       |                                     |       |       | .1    |       |        |         |         |                |         |         |         |                                    |         |         |         |        | 1         | 1        | 8        | 96        |  |  |
| 28/ 27       |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          | 6        | 61        |  |  |
| 26/ 25       |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          | 1        | 42        |  |  |
| 24/ 23       |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          | 1        | 28        |  |  |
| 22/ 21       |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          |          | 29        |  |  |
| 20/ 19       |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          |          | 17        |  |  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          |          | 15        |  |  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          |          | 20        |  |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          |          | 5         |  |  |
| 12/ 11       |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          |          | 7         |  |  |
| 10/ 9        |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          |          | 2         |  |  |
| 8/ 7         |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          |          | 1         |  |  |
| 4/ 3         |                                     |       |       |       |       |        |         |         |                |         |         |         |                                    |         |         |         |        |           |          |          | 2         |  |  |
| TOTAL        | .1                                  | 7.4   | 24.1  | 22.5  | 16.2  | 12.9   | 8.5     | 5.6     | 1.6            | 1.0     | .1      |         |                                    |         |         |         |        | 1153      | 1153     | 1153     | 1152      |  |  |
| Element (X)  | Σx <sup>2</sup>                     |       |       | Σx    |       |        | X̄      |         | s <sub>x</sub> |         | No Obs. |         | Mean No. of Hours with Temperature |         |         |         |        |           |          |          |           |  |  |
| Rel. Hum.    | 4304460                             |       |       | 67742 |       |        | 58.916  |         | 6.16           |         | 1151    |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F | ≥ 93 F    | Total    |          |           |  |  |
| Dry Bulb     | 2805688                             |       |       | 56348 |       |        | 48.9    |         | 6.713          |         | 1153    |         |                                    |         | .2      | .3      |        |           | 90       |          |           |  |  |
| Wet Bulb     | 2066925                             |       |       | 48469 |       |        | 42.0    |         | 5.053          |         | 1153    |         |                                    |         | 2.5     |         |        |           | 90       |          |           |  |  |
| Dew Point    | 1396345                             |       |       | 39141 |       |        | 34.0    |         | 7.599          |         | 1152    |         |                                    |         | 34.8    |         |        |           | 90       |          |           |  |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

APR  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          |          | TOTAL     | TOTAL |  |  |
|-------------|-------------------------------------|------|-------|------|------|------|--------|-------|----------|-------|------------------------------------|--------|-------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
|             | 0                                   | 1-2  | 3-4   | 5-6  | 7-8  | 9-10 | 11-12  | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24 | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 62/ 61      |                                     |      |       |      |      | .1   | .4     | .2    | .1       | .1    |                                    |        |       |        |        |        |       | 10        | 10       |          |           |       |  |  |
| 60/ 59      |                                     |      |       | .1   | .3   | .3   | 1.0    | .3    | .4       | .2    | .2                                 |        |       |        |        |        |       | 34        | 34       |          |           |       |  |  |
| 58/ 57      |                                     |      |       | .3   | .6   | 1.0  | .6     | .2    |          | .1    |                                    |        |       |        |        |        |       | 31        | 31       |          |           |       |  |  |
| 56/ 55      |                                     |      |       | .3   | .6   | 1.9  | .5     | .2    |          |       |                                    |        |       |        |        |        |       | 41        | 41       |          |           |       |  |  |
| 54/ 53      |                                     |      | .6    | 1.8  | 2.0  | 2.3  | .4     | .3    |          |       |                                    |        |       |        |        |        |       | 86        | 86       | 2        |           |       |  |  |
| 52/ 51      |                                     | .2   | 1.0   | 1.9  | 1.0  | 1.5  | .1     | .2    |          |       |                                    |        |       |        |        |        |       | 66        | 66       | 10       |           |       |  |  |
| 50/ 49      |                                     | .6   | 2.0   | 3.6  | 1.7  | 1.4  | 1.0    | .1    |          |       |                                    |        |       |        |        |        |       | 120       | 120      | 35       | 3         |       |  |  |
| 48/ 47      |                                     | 1.2  | 4.9   | 2.7  | 2.3  | 1.0  | .3     |       |          |       |                                    |        |       |        |        |        |       | 143       | 143      | 81       | 6         |       |  |  |
| 46/ 45      |                                     | 1.7  | 5.0   | 3.2  | 1.2  | .6   | .2     |       |          |       |                                    |        |       |        |        |        |       | 137       | 137      | 145      | 22        |       |  |  |
| 44/ 43      |                                     | 1.4  | 4.4   | 3.0  | 1.0  | .4   | .1     |       |          |       |                                    |        |       |        |        |        |       | 120       | 120      | 169      | 61        |       |  |  |
| 42/ 41      |                                     | .8   | 3.1   | 2.1  | 1.5  | .5   |        |       |          |       |                                    |        |       |        |        |        |       | 92        | 92       | 135      | 67        |       |  |  |
| 40/ 39      |                                     | 1.0  | 4.2   | 2.3  | .3   | .3   |        |       |          |       |                                    |        |       |        |        |        |       | 92        | 92       | 152      | 139       |       |  |  |
| 38/ 37      | .1                                  | 2.1  | 3.1   | 1.8  | .4   | .1   |        |       |          |       |                                    |        |       |        |        |        |       | 88        | 88       | 111      | 108       |       |  |  |
| 36/ 35      |                                     | 1.4  | 2.1   | .3   | .1   |      |        |       |          |       |                                    |        |       |        |        |        |       | 45        | 45       | 121      | 124       |       |  |  |
| 34/ 33      |                                     | 1.0  | 1.0   | .1   | .1   |      |        |       |          |       |                                    |        |       |        |        |        |       | 25        | 25       | 101      | 124       |       |  |  |
| 32/ 31      | .1                                  | .2   | .3    | .3   |      |      |        |       |          |       |                                    |        |       |        |        |        |       | 10        | 10       | 47       | 114       |       |  |  |
| 30/ 29      |                                     | .2   | .4    | .2   |      |      |        |       |          |       |                                    |        |       |        |        |        |       | 9         | 9        | 21       | 106       |       |  |  |
| 28/ 27      |                                     |      | .1    |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       | 1         | 1        | 9        | 65        |       |  |  |
| 26/ 25      |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          | 9        | 56        |       |  |  |
| 24/ 23      |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          | 2        | 44        |       |  |  |
| 22/ 21      |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          |          | 19        |       |  |  |
| 20/ 19      |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          |          | 27        |       |  |  |
| 18/ 17      |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          |          | 16        |       |  |  |
| 16/ 15      |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          |          | 6         |       |  |  |
| 14/ 13      |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          |          | 6         |       |  |  |
| 12/ 11      |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          |          | 3         |       |  |  |
| 10/ 9       |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          |          | 2         |       |  |  |
| 8/ 7        |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          |          | 1         |       |  |  |
| 2/ 1        |                                     |      |       |      |      |      |        |       |          |       |                                    |        |       |        |        |        |       |           |          |          | 1         |       |  |  |
| TOTAL       | .2                                  | 11.7 | 32.3  | 24.0 | 13.3 | 11.4 | 4.7    | 1.4   | .5       | .3    | .2                                 |        |       |        |        |        |       | 1150      | 1150     | 1150     | 1149      |       |  |  |
| Element (X) | Σ x <sup>2</sup>                    |      | Σ x   |      | Σ    |      | Σ x    |       | No. Obs. |       | Mean No. of Hours with Temperature |        |       |        |        |        |       |           |          |          |           |       |  |  |
| Rel. Hum.   | 4929133                             |      | 73075 |      | 63.7 |      | 15.450 |       | 1147     |       | ≤ 0 F                              | ≤ 32 F | ≤ 7 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |           |          |          |           |       |  |  |
| Dry Bulb    | 2464584                             |      | 52676 |      | 45.8 |      | 6.711  |       | 1150     |       |                                    | 1.6    |       |        |        |        | 90    |           |          |          |           |       |  |  |
| Wet Bulb    | 1890927                             |      | 46227 |      | 40.2 |      | 5.337  |       | 1150     |       |                                    | 6.9    |       |        |        |        | 90    |           |          |          |           |       |  |  |
| Dew Point   | 1341352                             |      | 38342 |      | 33.4 |      | 7.282  |       | 1149     |       |                                    | 37.2   |       |        |        |        | 90    |           |          |          |           |       |  |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

49-54, 61-64, 71-73  
YEARS

APR  
MONTH

PAGE 1 600-0800  
HOURS (L, S, T)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | TOTAL    | TOTAL  |       |       |  |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|--------|-------|-------|--|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew F  |       |       |  |
| 82/ 81      |                                     |     |     |     |     |      |       |       |       |                |       |       | .1       |       |       |                                    |        | 1         | 1        |          |        |       |       |  |
| 80/ 79      |                                     |     |     |     |     |      |       |       |       |                |       | .1    | .2       |       |       |                                    |        | 3         | 3        |          |        |       |       |  |
| 78/ 77      |                                     |     |     |     |     |      |       |       |       |                | .1    | .1    |          |       | .1    |                                    |        | 3         | 3        |          |        |       |       |  |
| 76/ 75      |                                     |     |     |     |     |      |       |       |       |                |       | .3    |          |       |       |                                    |        | 4         | 4        |          |        |       |       |  |
| 74/ 73      |                                     |     |     |     |     |      |       |       | .3    | .3             | .2    | .1    | .1       |       |       |                                    |        | 11        | 11       |          |        |       |       |  |
| 72/ 71      |                                     |     |     |     |     |      |       |       | .3    | .3             | .1    | .2    |          |       |       |                                    |        | 10        | 10       |          |        |       |       |  |
| 70/ 69      |                                     |     |     |     |     |      |       | .3    | .4    | .5             | .3    |       |          |       |       |                                    |        | 17        | 17       |          |        |       |       |  |
| 68/ 67      |                                     |     |     |     |     |      | .3    | .4    | 1.0   | .5             | .3    | .2    |          |       |       |                                    |        | 33        | 33       |          |        |       |       |  |
| 66/ 65      |                                     |     |     |     |     | .2   | .4    | .5    | .9    | .3             | .2    |       |          |       |       |                                    |        | 29        | 29       |          |        |       |       |  |
| 64/ 63      |                                     |     |     |     |     | .3   | 1.2   | 1.4   | .3    | .1             | .2    |       |          |       |       |                                    |        | 40        | 40       |          |        |       |       |  |
| 62/ 61      |                                     |     |     |     | .1  | .8   | 2.3   | 1.1   | .8    | .2             | .2    |       |          |       |       |                                    |        | 63        | 63       |          |        |       |       |  |
| 60/ 59      |                                     |     |     | .2  | .5  | 2.0  | 2.1   | 1.2   | .3    | .1             | .1    |       |          |       |       |                                    |        | 74        | 74       | 1        |        |       |       |  |
| 58/ 57      |                                     |     |     | .3  | 2.1 | 2.5  | 2.4   | .8    | .3    | .1             |       |       |          |       |       |                                    |        | 98        | 98       | 10       |        |       |       |  |
| 56/ 55      |                                     |     | .1  | 1.3 | 2.3 | 1.9  | 1.9   | .5    | .1    |                |       |       |          |       |       |                                    |        | 93        | 93       | 20       |        |       |       |  |
| 54/ 53      |                                     |     | .5  | 1.4 | 2.5 | 2.2  | .6    | .5    | .2    |                |       |       |          |       |       |                                    |        | 91        | 91       | 35       |        |       |       |  |
| 52/ 51      |                                     | .1  | 1.0 | 1.8 | 2.2 | 1.7  | .8    | .1    | .1    |                |       |       |          |       |       |                                    |        | 90        | 90       | 76       |        |       |       |  |
| 50/ 49      |                                     |     | 2.1 | 2.2 | 2.5 | 1.4  | .3    | .1    |       |                |       |       |          |       |       |                                    |        | 98        | 98       | 137      | 8      |       |       |  |
| 48/ 47      |                                     | .3  | 1.9 | 2.8 | 1.7 | 1.0  | .3    | .1    |       |                |       |       |          |       |       |                                    |        | 92        | 92       | 150      | 13     |       |       |  |
| 46/ 45      |                                     | .5  | 1.6 | 2.3 | 1.7 | .8   | .2    | .1    |       |                |       |       |          |       |       |                                    |        | 82        | 82       | 146      | 40     |       |       |  |
| 44/ 43      |                                     | .4  | 1.9 | 2.1 | 1.0 | .3   | .1    |       |       |                |       |       |          |       |       |                                    |        | 67        | 67       | 140      | 76     |       |       |  |
| 42/ 41      |                                     | .4  | 1.4 | 1.9 | .7  |      |       |       |       |                |       |       |          |       |       |                                    |        | 51        | 51       | 116      | 120    |       |       |  |
| 40/ 39      |                                     | .4  | 1.6 | 1.3 | .4  | .2   |       |       |       |                |       |       |          |       |       |                                    |        | 45        | 45       | 106      | 133    |       |       |  |
| 38/ 37      |                                     | .5  | 1.0 | .6  | .1  |      |       |       |       |                |       |       |          |       |       |                                    |        | 26        | 26       | 76       | 110    |       |       |  |
| 36/ 35      |                                     | .3  | .7  | .3  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 16        | 16       | 61       | 131    |       |       |  |
| 34/ 33      |                                     | .2  | .3  | .2  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 7         | 7        | 43       | 112    |       |       |  |
| 32/ 31      |                                     | .1  | .1  |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2         | 2        | 18       | 102    |       |       |  |
| 30/ 29      |                                     |     | .2  | .1  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 3         | 3        | 9        | 95     |       |       |  |
| 28/ 27      |                                     |     |     | .1  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1         | 1        | 3        | 57     |       |       |  |
| 26/ 25      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | 1        | 46     |       |       |  |
| 24/ 23      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | 2        | 27     |       |       |  |
| 22/ 21      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 25     |       |       |  |
| 20/ 19      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 19     |       |       |  |
| 18/ 17      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 11     |       |       |  |
| 16/ 15      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 4      |       |       |  |
| Element (X) | Σx <sup>2</sup>                     |     |     | Σx  |     |      | x̄    |       |       | σ <sub>x</sub> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |           |          |          |        |       | Total |  |
| Rel. Hum.   |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F    | ≥ 73 F   | ≥ 80 F   | ≥ 93 F | Total |       |  |
| Dry Bulb    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |        |       |       |  |
| Wet Bulb    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |        |       |       |  |
| Dew Point   |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |        |       |       |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 71



## PSYCHROMETRIC SUMMARY

49-54, 61-64, 71-73 YEARS

APR  
MONTH

PAGE 2 6600-C800  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

APR

PAGE 1 0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          |          |           |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-----|-----|-------|-------|---------|-------|------------------------------------|--------|--------|--------|--------|--------|-----------|----------|----------|-----------|--|-------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11  | 12  | 13-14 | 15-16 | 17-18   | 19-20 | 21-22                              | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |       |       |  |  |
| 92/ 91       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        | .1     | 1         | 1        |          |           |  |       |       |  |  |
| 90/ 89       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        | .1     | .3     | 4         | 4        |          |           |  |       |       |  |  |
| 88/ 87       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        | .3     | .4     | 8         | 8        |          |           |  |       |       |  |  |
| 86/ 85       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        | .1     | .3     | .2     | .1     | 7         | 7        |          |           |  |       |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    | .2     | .2     | .4     | .3     |        | 12        | 12       |          |           |  |       |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |     |     |       |       |         |       | .3                                 | .5     | .8     | .2     | .1     | .1     | 22        | 22       |          |           |  |       |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |     |     |       |       |         | .2    | .3                                 | 1.1    | .7     | .3     | .1     |        | 33        | 33       |          |           |  |       |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      |     |     |       |       |         | .5    | 1.0                                | 1.2    | .4     | .3     |        |        | 40        | 40       |          |           |  |       |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |     |     |       |       | .1      | 1.4   | 2.0                                | 1.0    | .5     |        |        |        | 63        | 63       |          |           |  |       |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      |     |     | .2    | .5    | 2.0     | 1.5   | .9                                 | .3     | .1     |        |        |        | 62        | 62       |          |           |  |       |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |     | .2  | .8    | 2.0   | 2.2     | .7    | .5                                 | .3     |        |        |        |        | 76        | 76       |          |           |  |       |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      |     | .3  | 2.0   | 2.9   | 1.1     | 1.3   | .2                                 |        |        |        |        |        | 90        | 90       |          |           |  |       |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      |     | .2  | 1.0   | 2.4   | 2.2     | 1.1   | .3                                 | .1     |        |        |        |        | 85        | 85       |          |           |  |       |       |  |  |
| 66/ 65       |                                     |     |     |     |     |      | .1  | .5  | 2.1   | 2.2   | 1.9     | .3    | .3                                 |        |        |        |        |        | 84        | 84       |          |           |  |       |       |  |  |
| 64/ 63       |                                     |     |     |     | .1  | .4   | 1.9 | 3.0 | 2.0   | .9    | .5      | .1    |                                    |        |        |        |        |        | 103       | 103      |          |           |  |       |       |  |  |
| 62/ 61       |                                     |     |     |     | .2  | 1.4  | 1.9 | 1.8 | 1.5   | .8    | .2      |       |                                    |        |        |        |        |        | 89        | 89       |          | 3         |  |       |       |  |  |
| 60/ 59       |                                     |     |     |     | .3  | 1.5  | 2.4 | 1.4 | 1.5   | .3    |         |       |                                    |        |        |        |        |        | 86        | 86       | 17       |           |  |       |       |  |  |
| 58/ 57       |                                     |     | .1  | .2  | .5  | 1.6  | 1.1 | 1.6 | .5    | .4    | .1      |       |                                    |        |        |        |        |        | 72        | 72       | 45       |           |  |       |       |  |  |
| 56/ 55       |                                     |     | .1  | .3  | 1.4 | .7   | 1.3 | 1.0 | .4    | .1    |         |       |                                    |        |        |        |        |        | 61        | 61       | 92       |           |  |       |       |  |  |
| 54/ 53       |                                     |     |     | .1  | .7  | 1.3  | .6  | .8  | .1    |       |         |       |                                    |        |        |        |        |        | 41        | 41       | 163      |           |  |       |       |  |  |
| 52/ 51       |                                     |     | .1  | .5  | 1.5 | 1.2  | .3  | .1  |       |       |         |       |                                    |        |        |        |        |        | 43        | 43       | 185      | 2         |  |       |       |  |  |
| 50/ 49       |                                     | .1  | .3  | .6  | 1.0 | .4   | .1  |     |       |       |         |       |                                    |        |        |        |        |        | 30        | 30       | 195      | 5         |  |       |       |  |  |
| 48/ 47       |                                     | .2  | .3  | .3  | .6  | .3   |     |     |       |       |         |       |                                    |        |        |        |        |        | 19        | 19       | 142      | 13        |  |       |       |  |  |
| 46/ 45       |                                     |     | .1  | .5  | .3  | .2   |     |     |       |       |         |       |                                    |        |        |        |        |        | 16        | 16       | 90       | 37        |  |       |       |  |  |
| 44/ 43       |                                     | .1  |     | .1  | .1  | .1   | .1  |     |       |       |         |       |                                    |        |        |        |        |        | 5         | 5        | 87       | 58        |  |       |       |  |  |
| 42/ 41       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          | 55       | 79        |  |       |       |  |  |
| 40/ 39       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          | 45       | 130       |  |       |       |  |  |
| 38/ 37       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          | 21       | 124       |  |       |       |  |  |
| 36/ 35       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          | 9        | 120       |  |       |       |  |  |
| 34/ 33       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          | 3        | 115       |  |       |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          |          | 100       |  |       |       |  |  |
| 30/ 29       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          |          | 77        |  |       |       |  |  |
| 28/ 27       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          |          | 54        |  |       |       |  |  |
| 26/ 25       |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          |          | 42        |  |       |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ   |     | Σ     |       | No Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |           |          |          |           |  |       |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |     |     |       |       |         |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total     |          |          |           |  |       |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          |          |           |  |       |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          |          |           |  |       |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |     |     |       |       |         |       |                                    |        |        |        |        |        |           |          |          |           |  |       |       |  |  |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAF/ETAC JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

APR  
MONTH

PAGE 2

C900-1100  
HOURS (L. S. T.)

[illegible]

U.S. AFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

APR  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        | TOTAL<br>D.B./W.B. | TOTAL    |          |           |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------------------|----------|----------|-----------|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20    | 21-22 | 23-24                              | 25-26  | 27-28  | 29-30  | ≥ 31               | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        | .2                 | 2        | 2        |           |
| 94/ 93      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        | .5                 | 6        | 6        |           |
| 92/ 91      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        | .1                 | 9        | 11       |           |
| 90/ 89      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        | .6                 | 19       | 19       |           |
| 88/ 87      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        | .4                 | 24       | 24       |           |
| 86/ 85      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        | .9                 | 30       | 30       |           |
| 84/ 83      |                                     |     |     |     |     |      |       |       |       |       |          | .1    | .3                                 | 1.3    | 1.2    | .9     | .1                 | 45       | 45       |           |
| 82/ 81      |                                     |     |     |     |     |      |       |       |       |       | .1       | .3    | 1.7                                | 1.9    | 1.8    | .4     | .1                 | 72       | 72       |           |
| 80/ 79      |                                     |     |     |     |     |      |       |       |       |       | .2       | .8    | 2.2                                | 2.1    | 2.4    | .8     | .3                 | 69       | 69       |           |
| 78/ 77      |                                     |     |     |     |     |      |       |       |       | .2    | .8       | 2.2   | 2.1                                | 2.4    | .8     | .3     | .1                 | 101      | 101      |           |
| 76/ 75      |                                     |     |     |     |     |      |       |       |       | .4    | .7       | 2.2   | 2.5                                | 1.1    | .3     |        |                    | 83       | 83       |           |
| 74/ 73      |                                     |     |     |     |     |      |       |       | .3    | .3    | 1.2      | 2.4   | 1.6                                | .8     |        |        |                    | 77       | 77       |           |
| 72/ 71      |                                     |     |     |     |     |      |       |       | .5    | 1.1   | 2.0      | 1.4   | .5                                 | .3     |        |        |                    | 68       | 68       |           |
| 70/ 69      |                                     |     |     |     |     |      |       | .8    | 1.0   | 1.9   | 1.3      | 1.3   | .4                                 | .1     |        |        |                    | 79       | 79       |           |
| 68/ 67      |                                     |     |     |     |     | .1   | .3    | 1.6   | 2.5   | 1.4   | .7       | .5    | .3                                 |        |        |        |                    | 84       | 84       |           |
| 66/ 65      |                                     |     |     |     |     | .1   | .9    | 2.0   | .5    | .9    | .8       | .3    |                                    |        |        |        |                    | 63       | 63       |           |
| 64/ 63      |                                     |     |     |     | .1  | .6   | .8    | 1.8   | 1.2   | 1.0   | .7       | .1    |                                    |        |        |        |                    | 72       | 72       | 1         |
| 62/ 61      |                                     |     |     |     | .1  | .2   | 1.6   | .9    | .8    | .3    | .5       |       |                                    |        |        |        |                    | 50       | 51       | 8         |
| 60/ 59      |                                     |     |     | .1  | .2  | .2   | 1.0   | 1.0   | .5    | .8    | .1       |       |                                    |        |        |        |                    | 44       | 44       | 48        |
| 58/ 57      |                                     |     |     |     | .2  | .9   | .6    | .8    | .5    | .3    |          |       |                                    |        |        |        |                    | 40       | 40       | 116       |
| 56/ 55      |                                     |     |     | .1  | .3  | 1.0  | .7    | .6    | .2    | .1    |          |       |                                    |        |        |        |                    | 34       | 34       | 127       |
| 54/ 53      |                                     |     |     | .2  | .4  | .1   | .9    | .5    | .2    | .1    |          |       |                                    |        |        |        |                    | 28       | 26       | 212       |
| 52/ 51      |                                     |     |     | .2  | .2  | .3   | .6    | .5    |       |       |          |       |                                    |        |        |        |                    | 20       | 20       | 197       |
| 50/ 49      |                                     | .2  |     | .1  | .3  | .4   | .1    |       |       |       |          |       |                                    |        |        |        |                    | 13       | 13       | 139       |
| 48/ 47      |                                     | .3  |     |     |     | .2   |       |       |       |       |          |       |                                    |        |        |        |                    | 5        | 5        | 99        |
| 46/ 45      |                                     | .1  |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    | 1        | 1        | 80        |
| 44/ 43      |                                     | .1  | .1  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    | 2        | 2        | 43        |
| 42/ 41      |                                     | .1  | .1  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    | 2        | 2        | 39        |
| 40/ 39      |                                     |     | .1  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    | 1        | 1        | 21        |
| 38/ 37      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    |          |          | 12        |
| 36/ 35      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    |          |          | 3         |
| 34/ 33      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    |          |          | 113       |
| 32/ 31      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    |          |          | 95        |
| 30/ 29      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    |          |          | 91        |
|             |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    |          |          | 70        |
| Element (X) | Σ x²                                |     | Σ x |     | Σ   |      | Σ     |       | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |                    |          |          |           |
| Rel. Hum.   |                                     |     |     |     |     |      |       |       |       |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F             | ≥ 93 F   | Total    |           |
| Dry Bulb    |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    |          |          |           |
| Wet Bulb    |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    |          |          |           |
| Dew Point   |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |                    |          |          |           |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION NAME

49-54, 61-64, 71-73

APR  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

APD  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|----------------|---------|---------|----------|---------|---------|--|------|----------|----------|-----------|--|--|--|--|--------------------|-------|--|--|--|--|--|--|--|--|--|--|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18        | 19 - 20 | 21 - 22 | 23 - 24  | 25 - 26 | 27 - 28 | 29 - 30  | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 96/ 95       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  | .1   | 1        | 1        |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 94/ 93       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  | .3   | 3        | 3        |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 92/ 91       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  | .5   | 5        | 5        |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 90/ 89       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  | .8   | 17       | 17       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 88/ 87       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  | .5   | 21       | 21       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 86/ 85       |                                     |       |       |       |       |        |         |         |         |                |         |         |          | .1      | .5      | 1.1  | .6   | 30       | 30       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 84/ 83       |                                     |       |       |       |       |        |         |         |         |                |         |         |          | .7      | .9      | 1.1  | 1.6  | 49       | 49       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 82/ 81       |                                     |       |       |       |       |        |         |         |         |                |         | .2      | .3       | .7      | 1.0     | 1.2  | .3   | 44       | 44       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 80/ 79       |                                     |       |       |       |       |        |         |         |         | .2             | .1      | 1.0     | 1.1      | 1.7     | 1.3     | .3   |      | 66       | 66       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 78/ 77       |                                     |       |       |       |       |        |         |         |         |                | .8      | 1.2     | 1.4      | 1.2     | .4      | .2   |      | 60       | 60       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 76/ 75       |                                     |       |       |       |       |        |         |         | .3      | .5             | 1.6     | 1.7     | 1.8      | 1.9     | .6      |  |      | 97       | 97       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 74/ 73       |                                     |       |       |       |       |        |         |         | .4      | 1.5            | 1.7     | 1.7     | 1.0      | .8      | .1      |  |      | 82       | 82       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 72/ 71       |                                     |       |       |       |       |        |         |         | .2      | 1.0            | 1.6     | 1.7     | 1.7      | .7      |         | .1   |      | 80       | 80       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 70/ 69       |                                     |       |       |       |       |        |         | .1      | .6      | 1.1            | 1.8     | 1.2     | 1.0      | .5      |         |  |      | 74       | 74       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 68/ 67       |                                     |       |       |       |       |        |         | .3      | 1.0     | 1.7            | 1.5     | .9      | .6       | .3      |         |  |      | 71       | 71       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 66/ 65       |                                     |       |       |       |       |        | .3      | .7      | 1.3     | 1.5            | .4      | .7      | .3       | .1      |         |  |      | 61       | 61       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 64/ 63       |                                     |       |       |       | .2    | .6     | 1.7     | .8      | .9      | .4             | .6      | .1      |          |         |         |  |      | 61       | 61       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 62/ 61       |                                     |       |       |       | .3    | 1.3    | 1.4     | .9      | .3      | .8             | .1      |         |          |         |         |  |      | 58       | 58       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 60/ 59       |                                     |       |       |       | 1.1   | 1.2    | 1.7     | 1.3     | .6      | .1             | .1      |         |          |         |         |  |      | 70       | 70       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 58/ 57       |                                     |       |       | .2    | .6    | 1.5    | 1.1     | .4      | .1      | .1             | .2      |         |          |         |         |  |      | 48       | 48       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 56/ 55       |                                     |       |       | .3    | .7    | 1.4    | .8      | .6      |         | .3             |         |         |          |         |         |  |      | 47       | 47       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 54/ 53       |                                     | .1    | .2    | .1    | .8    | 1.2    | .8      | .3      |         |                |         |         |          |         |         |  |      | 39       | 39       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 52/ 51       |                                     |       | .2    | .3    | .7    | .4     | .4      | .3      |         |                |         |         |          |         |         |  |      | 27       | 27       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 50/ 49       |                                     |       | .2    | .1    | .3    | .7     | .3      | .1      |         |                |         |         |          |         |         |  |      | 18       | 18       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 48/ 47       |                                     | .2    | .3    | .1    |       | .3     | .3      |         |         |                |         |         |          |         |         |  |      | 12       | 12       |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 46/ 45       |                                     | .1    | .1    | .1    |       |        |         |         |         |                |         |         |          |         |         |  |      | 3        | 3        |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 44/ 43       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 42/ 41       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 40/ 39       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 38/ 37       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 36/ 35       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 34/ 33       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 32/ 31       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 30/ 29       |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |       |       | Σ X   |       |        | X̄      |         |         | σ <sub>x</sub> |         |         | No. Obs. |         |         | Mean No. of Hours with Temperature                               |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| Rel. Hum     |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         | ≤ 0 F    ≤ 32 F    ≥ 67 F    ≥ 73 F    ≥ 80 F    ≥ 93 F    Total |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| Dry Bulb     |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| Wet Bulb     |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |
| Dew Point    |                                     |       |       |       |       |        |         |         |         |                |         |         |          |         |         |  |      |          |          |           |  |  |  |  |                    |       |  |  |  |  |  |  |  |  |  |  |  |  |

USAFETAC FORM 0-26-3 (JUL 61) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION N

49-54, 61-64, 71-73

APP  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

AP 3

YEARS

MONTH

PAGE 1 1800-2000  
HOURS (L.S.T.)

HOURS (L S T)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |       |  |  |  |  |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|-------|-------|--|--|
|              | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12      | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |       |  |  |  |  |  |  |       |       |  |  |
| 88/ 97       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        | .1    |        | 1         | 1        |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 84/ 83       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        | 1         | 1        |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 82/ 81       |                                     |     |            |     |           |      |            |       |          |       | .1                                 | .2    | .2     | .3    |        | .1    |        | 8         | 8        |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 80/ 79       |                                     |     |            |     |           |      |            |       |          |       | .2                                 | .4    | .5     | .4    | .1     |       |        | 12        | 12       |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 78/ 77       |                                     |     |            |     |           |      |            |       |          | .1    | .3                                 | .2    | .3     | .2    | .1     |       |        | 12        | 12       |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 76/ 75       |                                     |     |            |     |           |      |            |       |          | .2    | .6                                 | .5    | .5     |       |        |       |        | 21        | 21       |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 74/ 73       |                                     |     |            |     |           |      |            |       | .1       | .4    | .5                                 | 1.0   | .5     | .2    |        |       |        | 30        | 30       |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 72/ 71       |                                     |     |            |     |           |      |            | .3    | .4       | .8    | 1.5                                | 1.1   | .2     |       |        |       |        | 48        | 48       |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 70/ 69       |                                     |     |            |     |           |      |            | .5    | 1.4      | 1.6   | 1.3                                | .4    | .2     |       |        |       |        | 62        | 62       |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 68/ 67       |                                     |     |            |     |           |      | .5         | .6    | 2.5      | 1.4   | 1.2                                | .3    | .1     |       |        |       |        | 76        | 76       |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 66/ 65       |                                     |     |            |     |           | .4   | 1.3        | 1.1   | 1.4      | 1.4   | .4                                 | .1    |        |       |        |       |        | 69        | 69       |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 64/ 63       |                                     |     |            |     |           | 1.0  | 1.6        | 2.1   | 1.7      | 1.1   | .4                                 | .1    |        |       |        |       |        | 89        | 89       | 1        |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 62/ 61       |                                     |     |            |     | .1        | 1.3  | 1.8        | 2.4   | 1.2      | .4    | .3                                 |       |        |       |        |       |        | 86        | 86       |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 60/ 59       |                                     |     |            | .1  | .9        | 1.8  | 1.5        | 1.6   | 1.2      | .5    | .2                                 |       |        |       |        |       |        | 89        | 89       | 2        |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 58/ 57       |                                     |     | .1         | .4  | 2.0       | 1.9  | 1.8        | 1.1   | .7       | .2    |                                    |       |        |       |        |       |        | 94        | 94       | 18       |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 56/ 55       |                                     |     | .2         | 1.8 | 1.7       | 1.0  | 1.4        | 1.0   | .1       |       |                                    |       |        |       |        |       |        | 80        | 80       | 49       |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 54/ 53       | .1                                  |     | 1.0        | 2.1 | 2.1       | 1.4  | .6         | .5    |          |       |                                    |       |        |       |        |       |        | 89        | 89       | 96       |           |  |       |  |  |  |  |  |  |       |       |  |  |
| 52/ 51       |                                     |     | 1.2        | 2.9 | 1.7       | 1.6  | .5         | .3    |          |       |                                    |       |        |       |        |       |        | 93        | 93       | 164      | 1         |  |       |  |  |  |  |  |  |       |       |  |  |
| 50/ 49       |                                     | .2  | 1.1        | 1.4 | 1.9       | 1.1  | .5         |       |          |       |                                    |       |        |       |        |       |        | 70        | 70       | 187      | 7         |  |       |  |  |  |  |  |  |       |       |  |  |
| 48/ 47       |                                     | .3  | .6         | 1.1 | 1.3       | .5   | .3         |       |          |       |                                    |       |        |       |        |       |        | 47        | 47       | 179      | 23        |  |       |  |  |  |  |  |  |       |       |  |  |
| 46/ 45       |                                     | .2  | .7         | .3  | .5        | .5   |            | .1    |          |       |                                    |       |        |       |        |       |        | 26        | 26       | 152      | 60        |  |       |  |  |  |  |  |  |       |       |  |  |
| 44/ 43       |                                     | .4  | .2         | .6  | .9        | .4   |            |       |          |       |                                    |       |        |       |        |       |        | 29        | 29       | 108      | 102       |  |       |  |  |  |  |  |  |       |       |  |  |
| 42/ 41       |                                     |     | .1         | .1  | .1        | .1   |            |       |          |       |                                    |       |        |       |        |       |        | 4         | 4        | 81       | 120       |  |       |  |  |  |  |  |  |       |       |  |  |
| 40/ 39       |                                     |     | .3         |     |           | .1   |            |       |          |       |                                    |       |        |       |        |       |        | 4         | 4        | 48       | 124       |  |       |  |  |  |  |  |  |       |       |  |  |
| 38/ 37       |                                     |     | .1         |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        | 1         | 1        | 24       | 106       |  |       |  |  |  |  |  |  |       |       |  |  |
| 36/ 35       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          | 20       | 89        |  |       |  |  |  |  |  |  |       |       |  |  |
| 34/ 33       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          | 3        | 113       |  |       |  |  |  |  |  |  |       |       |  |  |
| 32/ 31       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           | 1        | 2        | 88        |  |       |  |  |  |  |  |  |       |       |  |  |
| 30/ 29       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 71        |  |       |  |  |  |  |  |  |       |       |  |  |
| 28/ 27       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 60        |  |       |  |  |  |  |  |  |       |       |  |  |
| 26/ 25       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 52        |  |       |  |  |  |  |  |  |       |       |  |  |
| 24/ 23       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 29        |  |       |  |  |  |  |  |  |       |       |  |  |
| 22/ 21       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 30        |  |       |  |  |  |  |  |  |       |       |  |  |
| 20/ 19       |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 19        |  |       |  |  |  |  |  |  |       |       |  |  |
| Element (X)  | $\Sigma X^2$                        |     | $\Sigma X$ |     | $\bar{X}$ |      | $\sigma_x$ |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |       |        |           |          |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| Rel Hum.     |                                     |     |            |     |           |      |            |       |          |       | ≤ 0 F                              |       | ≤ 32 F |       | ≥ 67 F |       | ≥ 73 F |           | ≥ 80 F   |          | ≥ 93 F    |  | Total |  |  |  |  |  |  |       |       |  |  |
| Dry Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| Wet Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |       |  |  |  |  |  |  |       |       |  |  |
| Dew Point    |                                     |     |            |     |           |      |            |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |       |  |  |  |  |  |  |       |       |  |  |







DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        | TOTAL<br>D.B./W.B. | TOTAL    |           |  |
|-------------|-------------------------------------|-------|------------|-------|-----------|--------|------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|--------|--------------------|----------|-----------|--|
|             | 0                                   | 1 - 2 | 3 - 4      | 5 - 6 | 7 - 8     | 9 - 10 | 11 - 12    | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31   | Dry Bulb           | Wet Bulb | Dew Point |  |
| 74/ 73      |                                     |       |            |       |           |        |            |         |          |         | .1                                 |         |         |         |         |         |        | 1                  | 1        |           |  |
| 72/ 71      |                                     |       |            |       |           |        |            |         |          |         | .1                                 |         |         |         |         |         |        | 2                  | 2        |           |  |
| 70/ 69      |                                     |       |            |       |           |        | .1         |         | .2       | .5      | .3                                 | .1      |         |         |         |         |        | 13                 | 13       |           |  |
| 68/ 67      |                                     |       |            |       |           |        |            | .2      | .8       | .3      | .3                                 |         |         |         |         |         |        | 18                 | 18       |           |  |
| 66/ 65      |                                     |       |            |       |           |        | .3         | 1.5     | .8       | .4      | .3                                 |         |         |         |         |         |        | 39                 | 39       |           |  |
| 64/ 63      |                                     |       |            |       |           | .4     | 1.1        | 1.2     | 1.0      | .5      | .1                                 |         |         |         |         |         |        | 50                 | 50       |           |  |
| 62/ 61      |                                     |       |            |       | .1        | .7     | 1.0        | 1.4     | 1.6      | .4      |                                    |         |         |         |         |         |        | 60                 | 60       |           |  |
| 60/ 59      |                                     |       |            | .1    | .7        | 1.8    | 2.0        | 1.3     | .7       | .3      |                                    |         |         |         |         |         |        | 79                 | 79       |           |  |
| 58/ 57      |                                     |       | .2         | 2.0   | 1.9       | 1.6    | 1.6        | .5      | .3       |         |                                    |         |         |         |         |         |        | 94                 | 94       | 1         |  |
| 56/ 55      |                                     |       | .2         | 1.6   | 2.3       | 1.9    | 3.0        | .8      | .4       | .1      |                                    |         |         |         |         |         |        | 119                | 119      | 2         |  |
| 54/ 53      |                                     | .8    | 3.6        | 1.7   | 2.6       | 1.6    | .6         | .1      |          |         |                                    |         |         |         |         |         |        | 127                | 127      | 21        |  |
| 52/ 51      | .1                                  | 1.8   | 3.3        | 2.3   | 1.8       | .4     | .9         |         |          |         |                                    |         |         |         |         |         |        | 123                | 123      | 86        |  |
| 50/ 49      | .2                                  | 2.6   | 3.6        | 2.0   | 1.4       | 1.0    | .1         |         |          |         |                                    |         |         |         |         |         |        | 125                | 125      | 141       |  |
| 48/ 47      | .4                                  | 2.4   | 2.0        | 2.8   | 1.0       | .2     | .2         |         |          |         |                                    |         |         |         |         |         |        | 103                | 103      | 169       |  |
| 46/ 45      | .3                                  | 1.7   | 2.4        | 2.0   | .6        | .1     |            |         |          |         |                                    |         |         |         |         |         |        | 82                 | 82       | 191       |  |
| 44/ 43      | .5                                  | 1.2   | 1.6        | .7    | .4        | .1     |            |         |          |         |                                    |         |         |         |         |         |        | 53                 | 53       | 177       |  |
| 42/ 41      | .3                                  | .6    | 1.7        | .9    | .1        | .1     |            |         |          |         |                                    |         |         |         |         |         |        | 43                 | 43       | 117       |  |
| 40/ 39      | .1                                  | .3    | .5         |       |           | .1     |            |         |          |         |                                    |         |         |         |         |         |        | 12                 | 12       | 122       |  |
| 38/ 37      | .2                                  |       | .2         | .3    |           |        |            |         |          |         |                                    |         |         |         |         |         |        | 7                  | 8        | 62        |  |
| 36/ 35      | .1                                  |       | .1         |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        | 2                  | 2        | 40        |  |
| 34/ 33      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 16        |  |
| 32/ 31      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 4         |  |
| 30/ 29      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 4         |  |
| 28/ 27      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 78        |  |
| 26/ 25      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 60        |  |
| 24/ 23      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 43        |  |
| 22/ 21      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 27        |  |
| 20/ 19      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 26        |  |
| 18/ 17      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 17        |  |
| 16/ 15      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 14        |  |
| 14/ 13      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 11        |  |
| 12/ 11      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 7         |  |
| 10/ 9       |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 1         |  |
| 8/ 7        |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          | 2         |  |
| Element (X) | $\Sigma X^2$                        |       | $\Sigma X$ |       | $\bar{X}$ |        | $\sigma_x$ |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |        |                    |          |           |  |
| Rel. Hum.   |                                     |       |            |       |           |        |            |         |          |         | ≤ 0 F                              |         | ≤ 32 F  |         | ≥ 67 F  |         | ≥ 73 F |                    | ≥ 80 F   |           |  |
| Dry Bulb    |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          |           |  |
| Wet Bulb    |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          |           |  |
| Dew Point   |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    |          |           |  |
|             |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |                    | Total    |           |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

APR  
MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

MAY  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  | TOTAL<br>D.B./W.B. | TOTAL |        |    |        |     |        |     |        |  |       |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|----------|---------|---------|------------------------------------|------|----------|----------|-----------|--|--|--|--|--|--|--------|--|--------------------|-------|--------|----|--------|-----|--------|-----|--------|--|-------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24  | 25 - 26 | 27 - 28 | 29 - 30                            | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        |     |        |  |       |  |
| 76 / 75      |                                     |       |       |       |       |        |         |         |         | .2      | .2      | .1      |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 3      | 5   |        |     |        |  |       |  |
| 74 / 73      |                                     |       |       |       |       |        |         |         |         | .4      | .2      | .2      |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 10     | 10  |        |     |        |  |       |  |
| 72 / 71      |                                     |       |       |       |       |        |         | .2      | .5      | .2      | .1      |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 12     | 12  |        |     |        |  |       |  |
| 70 / 69      |                                     |       |       |       |       |        | .2      | .3      | .4      | .2      |         | .2      |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        | 17 | 17     |     |        |     |        |  |       |  |
| 68 / 67      |                                     |       |       |       |       |        | .3      | .3      | .4      | .6      | .3      | .2      | .2       |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 29     | 29  |        |     |        |  |       |  |
| 66 / 65      |                                     |       |       |       |       |        | .3      | .7      | .4      | 1.3     | .7      | .3      |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 46     | 46  |        |     |        |  |       |  |
| 64 / 63      |                                     |       |       |       |       |        | 1.3     | 1.2     | 1.8     | 1.2     | .7      | .1      |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 77     | 77  |        |     |        |  |       |  |
| 62 / 61      |                                     |       |       |       | .6    | 1.3    | 2.4     | 1.7     | .4      | .2      |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 80     | 80  |        |     |        |  |       |  |
| 60 / 59      |                                     |       |       | .3    | 1.4   | 2.0    | 2.3     | 1.4     | 1.0     |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 102    | 102 |        |     |        |  |       |  |
| 58 / 57      |                                     |       |       | .5    | 2.3   | 3.6    | 1.8     | 1.1     | .3      | .1      |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 117    | 117 | 10     |     |        |  |       |  |
| 56 / 55      |                                     | .1    | .2    | 1.8   | 3.6   | 2.9    | 1.7     | .6      |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 131    | 131 | 30     |     |        |  |       |  |
| 54 / 53      |                                     |       | 1.7   | 1.9   | 3.1   | 1.8    | .7      | .4      | .2      |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 109    | 109 | 61     |     |        |  |       |  |
| 52 / 51      |                                     | .2    | 1.1   | 3.4   | 2.8   | .9     | .6      | .3      | .1      |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 114    | 114 | 75     | 1   |        |  |       |  |
| 50 / 49      |                                     | .3    | .1    | 2.4   | 2.3   | .5     | .7      |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 125    | 125 | 197    | 10  |        |  |       |  |
| 48 / 47      |                                     |       | 1.9   | 2.1   | 2.1   | .9     | .3      |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 88     | 88  | 200    | 46  |        |  |       |  |
| 46 / 45      |                                     | .2    | 2.4   | 2.0   | .7    | .2     | .1      |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 68     | 68  | 216    | 62  |        |  |       |  |
| 44 / 43      |                                     | .1    | 1.0   | .9    | .7    | .2     |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 35     | 35  | 154    | 113 |        |  |       |  |
| 42 / 41      |                                     |       | .3    | .2    | .2    | .2     |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 12     | 12  | 103    | 145 |        |  |       |  |
| 40 / 39      |                                     | .2    | .6    | .2    | .1    |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 14     | 14  | 73     | 167 |        |  |       |  |
| 38 / 37      |                                     |       | .4    | .1    | .1    |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 7      | 7   | 40     | 145 |        |  |       |  |
| 36 / 35      |                                     | .2    |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    | 2      | 2   | 30     | 125 |        |  |       |  |
| 34 / 33      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     | 8      | 109 |        |  |       |  |
| 32 / 31      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     | 2      | 72  |        |  |       |  |
| 30 / 29      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     | 1      | 49  |        |  |       |  |
| 28 / 27      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        | 43  |        |  |       |  |
| 26 / 25      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        | 36  |        |  |       |  |
| 24 / 23      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        | 27  |        |  |       |  |
| 22 / 21      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        | 19  |        |  |       |  |
| 20 / 19      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        | 14  |        |  |       |  |
| 18 / 17      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        | 8   |        |  |       |  |
| 16 / 15      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        | 3   |        |  |       |  |
| 14 / 13      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        | 1   |        |  |       |  |
| 12 / 11      |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        | 4   |        |  |       |  |
| 8 / 7        |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        | 1   |        |  |       |  |
| Element (X)  | Σ X <sup>2</sup>                    |       |       | Σ X   |       |        | Σ       |         |         | Σ X     |         |         | No. Obs. |         |         | Mean No. of Hours with Temperature |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        |     |        |  |       |  |
| Rel. Hum.    |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         | ≤ 0 F                              |      |          |          |           |  |  |  |  |  |  | ≤ 32 F |  |                    |       | ≥ 67 F |    | ≥ 73 F |     | ≥ 80 F |     | ≥ 93 F |  | Total |  |
| Dry Bulb     |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        |     |        |  |       |  |
| Wet Bulb     |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        |     |        |  |       |  |
| Dew Point    |                                     |       |       |       |       |        |         |         |         |         |         |         |          |         |         |                                    |      |          |          |           |  |  |  |  |  |  |        |  |                    |       |        |    |        |     |        |     |        |  |       |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



1

## 5477 54321

YEARS

MAY  
MONTH

HOURS (L - S - T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

MAY  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|------|-------|------|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|-------|--|--|
|              | 0                                   | 1-2  | 3-4   | 5-6  | 7-8  | 9-10 | 11-12  | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |  |
| 74/ 73       |                                     |      |       |      |      |      |        |       |          |       | .1                                 |        |        |        |        |        |       | 1         | 1        |          |           |       |       |  |  |
| 72/ 71       |                                     |      |       |      |      |      |        |       | .1       | .1    | .1                                 |        |        |        |        |        |       | 3         | 3        |          |           |       |       |  |  |
| 70/ 69       |                                     |      |       |      |      |      |        | .1    | .3       |       |                                    |        |        |        |        |        |       | 4         | 4        |          |           |       |       |  |  |
| 68/ 67       |                                     |      |       |      |      | .1   | .3     | .6    | .3       | .1    | .1                                 |        |        |        |        |        |       | 18        | 18       |          |           |       |       |  |  |
| 66/ 65       |                                     |      |       |      | .1   | .4   | .3     | .3    | .3       | .2    |                                    |        |        |        |        |        |       | 15        | 15       |          |           |       |       |  |  |
| 64/ 63       |                                     |      |       | .3   | .1   | .4   | .2     | .9    | .3       | .1    | .1                                 |        |        |        |        |        |       | 27        | 27       |          |           |       |       |  |  |
| 62/ 61       |                                     |      |       | .3   | .4   | 1.2  | .3     | .3    | .3       | .1    |                                    |        |        |        |        |        |       | 34        | 34       |          |           |       |       |  |  |
| 60/ 59       |                                     |      | .2    | 1.6  | 1.8  | 1.4  | .8     | .3    | .1       |       |                                    |        |        |        |        |        |       | 73        | 73       |          |           |       |       |  |  |
| 58/ 57       |                                     |      | .8    | 2.2  | 2.5  | 1.4  | .9     | .1    |          |       |                                    |        |        |        |        |        |       | 94        | 94       | 1        |           |       |       |  |  |
| 56/ 55       |                                     | .3   | 1.9   | 3.1  | 3.3  | .8   | .4     |       |          |       |                                    |        |        |        |        |        |       | 116       | 116      | 14       |           |       |       |  |  |
| 54/ 53       |                                     | .5   | 3.6   | 3.1  | 1.4  | 1.2  | .3     |       |          |       |                                    |        |        |        |        |        |       | 120       | 120      | 30       |           |       |       |  |  |
| 52/ 51       | .1                                  | 2.0  | 3.9   | 3.2  | 1.6  | .9   |        |       |          |       |                                    |        |        |        |        |        |       | 140       | 140      | 54       |           |       |       |  |  |
| 50/ 49       | .4                                  | 2.9  | 4.6   | 2.7  | .8   | .7   |        |       |          |       |                                    |        |        |        |        |        |       | 144       | 144      | 108      | 0         |       |       |  |  |
| 48/ 47       | .3                                  | 3.9  | 3.8   | 1.5  | .8   | .3   |        |       |          |       |                                    |        |        |        |        |        |       | 126       | 126      | 194      | 32        |       |       |  |  |
| 46/ 45       | .3                                  | 3.8  | 3.9   | 1.3  | .2   |      |        |       |          |       |                                    |        |        |        |        |        |       | 112       | 112      | 194      | 61        |       |       |  |  |
| 44/ 43       | .4                                  | 2.7  | 1.3   | .6   | .1   |      |        |       |          |       |                                    |        |        |        |        |        |       | 60        | 60       | 197      | 97        |       |       |  |  |
| 42/ 41       | .3                                  | 1.4  | 1.2   | .6   | .2   |      |        |       |          |       |                                    |        |        |        |        |        |       | 44        | 44       | 149      | 141       |       |       |  |  |
| 40/ 39       | .5                                  | 1.0  | .8    | .3   |      |      |        |       |          |       |                                    |        |        |        |        |        |       | 30        | 30       | 111      | 170       |       |       |  |  |
| 38/ 37       | .3                                  | .3   | .5    | .3   |      |      |        |       |          |       |                                    |        |        |        |        |        |       | 16        | 16       | 63       | 164       |       |       |  |  |
| 36/ 35       | .1                                  | .6   | .2    |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       | 10        | 10       | 34       | 138       |       |       |  |  |
| 34/ 33       | .2                                  | .1   |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       | 3         | 3        | 21       | 109       |       |       |  |  |
| 32/ 31       | .1                                  |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 17       | 51        |       |       |  |  |
| 30/ 29       |                                     |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       |           |          | 4        | 67        |       |       |  |  |
| 28/ 27       |                                     |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 50        |       |       |  |  |
| 26/ 25       |                                     |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 40        |       |       |  |  |
| 24/ 23       |                                     |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 27        |       |       |  |  |
| 22/ 21       |                                     |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 17        |       |       |  |  |
| 20/ 19       |                                     |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 1         |       |       |  |  |
| 18/ 17       |                                     |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 6         |       |       |  |  |
| 16/ 15       |                                     |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 2         |       |       |  |  |
| 12/ 11       |                                     |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 1         |       |       |  |  |
| TOTAL        | 3.1                                 | 19.5 | 26.5  | 20.8 | 13.2 | 9.0  | 3.8    | 2.6   | .8       | .0    | .1                                 |        |        |        |        |        |       | 1191      | 1191     |          | 1191      |       |       |  |  |
|              |                                     |      |       |      |      |      |        |       |          |       |                                    |        |        |        |        |        |       | 1191      |          | 1191     |           |       |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |      | Σ X   |      | Σ    |      | Σ      |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| Rel Hum.     | 4327607                             |      | 69677 |      | 58.5 |      | 14.532 |       | 1191     |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 95 F | Total |           |          |          |           |       |       |  |  |
| Dry Bulb     | 3209985                             |      | 61305 |      | 51.5 |      | 6.761  |       | 1191     |       |                                    |        | .1     | 2.0    | .1     |        |       |           |          |          | 93        |       |       |  |  |
| Wet Bulb     | 2358299                             |      | 52665 |      | 44.2 |      | 4.827  |       | 1191     |       |                                    |        | 1.6    |        |        |        |       |           |          |          | 93        |       |       |  |  |
| Dew Point    | 136406                              |      | 43483 |      | 36.5 |      | 6.448  |       | 1191     |       |                                    |        | 21.2   |        |        |        |       |           |          |          | 93        |       |       |  |  |



1

## YEARS

49-54, 61-64, 71-73

MAY  
MONTH

HOURS (L. S. T.)

JSAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

MAY  
MONTH

PAGE 2      0600-0800  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

MAY  
MONTH

PAGE 1

0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |  |
| 98/ 97       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       | .3     | 3         | 3        |          |           |       |       |  |  |
| 96/ 95       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       | .1     | 1         | 1        |          |           |       |       |  |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       | .2     | .1    | .3     | 7         | 7        |          |           |       |       |  |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |          |       |                                    |       | .1     | .1    | .3     | .2    | .6     | 16        | 16       |          |           |       |       |  |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |          |       |                                    |       | .1     | .4    | .3     | 1.0   | .3     | 26        | 26       |          |           |       |       |  |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |          |       |                                    |       | .2     | .3    | .8     | .6    | .3     | 26        | 26       |          |           |       |       |  |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |          |       |                                    |       | .4     | 1.2   | 1.6    | .9    | .3     | 53        | 53       |          |           |       |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |          |       |                                    | .5    | .4     | 2.3   | 1.4    | .1    |        | 55        | 55       |          |           |       |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |          |       |                                    | 1.0   | 2.3    | 1.6   | .5     | .5    |        | 70        | 70       |          |           |       |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |          |       | .2                                 | 2.1   | 2.4    | 1.2   | .4     |       |        | 74        | 74       |          |           |       |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       | .1    |          | .6    | 1.6                                | 3.3   | 2.4    | .8    | .8     |       |        | 114       | 114      |          |           |       |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       | .3    | .8       | 1.2   | 3.1                                | 1.3   | .9     |       |        |       |        | 88        | 88       |          |           |       |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      |       | .3    | .9       | 1.6   | 1.6                                | 1.2   | .3     |       |        |       |        | 90        | 90       |          |           |       |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      | .1    | .3    | .4       | 2.4   | 1.9                                | 1.3   | .6     |       |        |       |        | 73        | 73       |          |           |       |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      | .1    | .4    | 1.1      | 1.2   | 1.1                                | .3    |        |       |        |       |        | 79        | 79       |          |           |       |       |  |  |
| 68/ 67       |                                     |     |     |     |     | .1   | .2    | 1.1   | 2.2      | 1.2   | 1.1                                | .3    |        |       |        |       |        | 72        | 72       |          | 1         |       |       |  |  |
| 66/ 65       |                                     |     |     |     |     | .2   | .4    | 1.4   | 1.8      | .6    | .3                                 | .3    |        |       |        |       |        | 59        | 59       |          | 5         |       |       |  |  |
| 64/ 63       |                                     |     |     |     | .1  | .3   | 1.3   | 2.0   | 1.1      | .8    | .7                                 |       |        |       |        |       |        | 74        | 74       |          | 14        |       |       |  |  |
| 62/ 61       |                                     |     |     |     | .2  | .3   | 1.5   | .9    | .9       | .6    |                                    |       |        |       |        |       |        | 53        | 53       |          | 34        |       |       |  |  |
| 60/ 59       |                                     |     |     |     | .1  | .8   | 1.0   | .8    | .5       | .3    |                                    |       |        |       |        |       |        | 40        | 40       |          | 100       |       |       |  |  |
| 58/ 57       |                                     |     |     |     | .1  | .8   | 1.8   | .9    | .1       |       |                                    |       |        |       |        |       |        | 43        | 43       |          | 161       |       |       |  |  |
| 56/ 55       |                                     |     | .1  |     | .3  | .7   | .8    | .6    | .1       |       |                                    |       |        |       |        |       |        | 30        | 30       |          | 179       |       |       |  |  |
| 54/ 53       |                                     |     | .1  | .1  | .3  | .8   | .5    | .3    | .1       |       |                                    |       |        |       |        |       |        | 25        | 25       |          | 193       |       |       |  |  |
| 52/ 51       |                                     |     | .1  |     | .2  | .3   |       |       |          |       |                                    |       |        |       |        |       |        | 7         | 7        |          | 150       |       |       |  |  |
| 50/ 49       |                                     |     |     |     | .1  | .1   | .1    |       |          |       |                                    |       |        |       |        |       |        | 3         | 3        |          | 126       |       |       |  |  |
| 48/ 47       |                                     |     |     |     | .1  | .1   |       |       |          |       |                                    |       |        |       |        |       |        | 2         | 2        |          | 83        |       |       |  |  |
| 46/ 45       |                                     | .1  | .1  |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        | 2         | 2        |          | 63        |       |       |  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 48        |       |       |  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 18        |       |       |  |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 6         |       |       |  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 1         |       |       |  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |       |       |  |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |       |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |       |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |       |        |           |          |          |           |       |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |          |       | ≤ 0 F                              |       | ≤ 32 F |       | ≤ 67 F |       | ≥ 73 F |           | ≥ 80 F   |          | ≥ 93 F    |       | Total |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |       |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |       |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |       |       |  |  |



## PSYCHROMETRIC SUMMARY

DAY  
MONTH

PAGE 2 1900-1100  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

MAY  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |       |  |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|----------|----------|-----------|--------------------|-------|-------|--|
|              | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12      | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |                    |       |       |  |
| 102/101      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      | .1       | 1        | 1         |                    |       |       |  |
| 100/ 99      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      | .1       | .6       | 8         | 8                  |       |       |  |
| 98/ 97       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      | .4       |          | 5         | 5                  |       |       |  |
| 96/ 95       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .2     | .1   | 1.1      | 16       | 16        |                    |       |       |  |
| 94/ 93       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .2     | .3   | 1.7      | 26       | 26        |                    |       |       |  |
| 92/ 91       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .3     | .3   | 1.3      | 50       | 50        |                    |       |       |  |
| 90/ 89       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .5     | .8   | 2.9      | 77       | 77        |                    |       |       |  |
| 88/ 87       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .8     | 2.0  | 2.8      | 81       | 81        |                    |       |       |  |
| 86/ 85       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .2     | .3   | 1.9      | 74       | 74        |                    |       |       |  |
| 84/ 83       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .1     | .3   | 1.7      | 97       | 97        |                    |       |       |  |
| 82/ 81       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .5     | 1.6  | 1.9      | 99       | 99        |                    |       |       |  |
| 80/ 79       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .1     | 1.0  | 1.8      | 107      | 107       |                    |       |       |  |
| 78/ 77       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .3     | 1.1  | 1.6      | 75       | 75        |                    |       |       |  |
| 76/ 75       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .4     | 1.1  | 2.1      | 74       | 74        |                    |       |       |  |
| 74/ 73       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .3     | 1.0  | 1.7      | 59       | 59        |                    |       |       |  |
| 72/ 71       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .1     | .3   | .6       | 47       | 47        |                    |       |       |  |
| 70/ 69       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .5     | 1.8  | .7       | 57       | 57        | 1                  |       |       |  |
| 68/ 67       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .3     | .3   | .5       | 48       | 48        | 4                  |       |       |  |
| 66/ 65       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .3     | .5   | 1.1      | 40       | 40        | 13                 |       |       |  |
| 64/ 63       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .3     | .8   | 1.3      | 47       | 47        | 34                 |       |       |  |
| 62/ 61       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .4     | .4   | 1.3      | 34       | 34        | 77                 |       |       |  |
| 60/ 59       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        | .2     | .7   | .7       | 25       | 25        | 196                |       |       |  |
| 58/ 57       |                                     |     |            | .1  |           | .1   |            | .6    | .5       | .8    |                                    |        |        |        |        |        |      |          | 24       | 24        | 181                |       |       |  |
| 56/ 55       |                                     |     |            | .1  |           | .3   |            | .2    | .2       |       |                                    |        |        |        |        |        |      |          | 8        |           | 181                | 2     |       |  |
| 54/ 53       |                                     | .1  |            |     |           | .1   |            | .1    |          |       |                                    |        |        |        |        |        |      |          | 3        | 3         | 176                | 2     |       |  |
| 52/ 51       |                                     |     |            |     |           | .3   |            | .1    |          |       |                                    |        |        |        |        |        |      |          | 4        | 4         | 113                | 9     |       |  |
| 50/ 49       |                                     |     |            | .1  |           | .1   |            |       |          |       |                                    |        |        |        |        |        |      |          | 2        | 2         | 82                 | 13    |       |  |
| 48/ 47       |                                     |     | .1         | .1  |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          | 2        | 2         | 65                 | 26    |       |  |
| 46/ 45       |                                     | .1  |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          | 1        | 1         | 39                 | 53    |       |  |
| 44/ 43       |                                     |     | .1         |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          | 1        | 1         | 19                 | 74    |       |  |
| 42/ 41       |                                     | .1  |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          | 1        | 1         | 9                  | 111   |       |  |
| 40/ 39       |                                     | .1  |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          | 1        | 1         | 2                  | 142   |       |  |
| 38/ 37       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          |          |           | 1                  | 132   |       |  |
| 36/ 35       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          |          |           |                    | 125   |       |  |
| Element (X)  | $\Sigma X^2$                        |     | $\Sigma X$ |     | $\bar{X}$ |      | $\sigma_x$ |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |      |          |          |           |                    |       | Total |  |
| Rel. Hum     |                                     |     |            |     |           |      |            |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |      |          |          |           |                    |       | Total |  |
| Dry Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          |          |           |                    |       |       |  |
| Wet Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          |          |           |                    |       |       |  |
| Dew Point    |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |          |          |           |                    |       |       |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

MAY  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. Y.)

[illegible]



1

0477 54321

49-54, 61-64, 71-73

MAY  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

FORM 0-26-3 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
UN 71



## PSYCHROMETRIC SUMMARY

VAV

YEARS

MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



**1**

MAY  
MONTH

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 73

[illegible]



## PSYCHROMETRIC SUMMARY

MAY

MONTH

1800-2000  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

MAY  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |       |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |                    |       |       |  |
| 88/ 87       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       | .1     | 1        | 1        |           |                    |       |       |  |
| 84/ 83       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 1        | 1        |           |                    |       |       |  |
| 80/ 79       |                                     |     |     |     |     |      |                |       |          |       |                                    | .2    | .2     | .1    |        | .1    |        | 5        | 5        |           |                    |       |       |  |
| 78/ 77       |                                     |     |     |     |     |      |                |       |          | .1    | .3                                 | .3    | .1     | .1    |        |       |        | 10       | 10       |           |                    |       |       |  |
| 76/ 75       |                                     |     |     |     |     |      |                |       | .1       | .4    | .8                                 | .3    | .1     |       |        |       |        | 20       | 20       |           |                    |       |       |  |
| 74/ 73       |                                     |     |     |     |     |      |                | .1    | .2       | .5    | .3                                 | .3    | .2     |       |        |       |        | 17       | 17       |           |                    |       |       |  |
| 72/ 71       |                                     |     |     |     |     |      | .1             | .3    | .8       | .9    | .4                                 | .4    | .3     |       |        |       |        | 38       | 38       |           |                    |       |       |  |
| 70/ 69       |                                     |     |     |     |     |      | .1             | .8    | .9       | .9    | .8                                 | .8    | .1     |       |        |       |        | 53       | 53       |           |                    |       |       |  |
| 68/ 67       |                                     |     |     |     |     | .1   | .4             | 1.8   | 1.8      | 1.4   | 1.2                                | .2    |        |       |        |       |        | 81       | 81       |           |                    |       |       |  |
| 66/ 65       |                                     |     |     |     |     | .3   | 1.8            | 1.4   | 2.2      | .9    | .9                                 | .1    |        |       |        |       |        | 91       | 91       |           |                    |       |       |  |
| 64/ 63       |                                     |     |     |     |     | 1.4  | 2.1            | 3.0   | 1.4      | 1.3   | .3                                 |       |        |       |        |       |        | 112      | 112      |           |                    |       |       |  |
| 62/ 61       |                                     |     |     |     | .8  | 2.0  | 3.2            | 1.2   | 1.2      | .5    |                                    |       |        |       |        |       |        | 106      | 106      |           |                    |       |       |  |
| 60/ 59       |                                     |     |     | .2  | 1.8 | 3.3  | 2.0            | 1.7   | .3       | .1    |                                    |       |        |       |        |       |        | 111      | 111      | 4         |                    |       |       |  |
| 58/ 57       |                                     |     | .1  | .8  | 2.6 | 2.7  | 1.4            | .4    | .5       |       |                                    |       |        |       |        |       |        | 101      | 101      | 29        |                    |       |       |  |
| 56/ 55       |                                     |     | .3  | 1.9 | 2.8 | 1.8  | 1.2            | .6    | .4       |       |                                    |       |        |       |        |       |        | 108      | 108      | 54        |                    |       |       |  |
| 54/ 53       |                                     | .2  | .3  | 2.5 | 2.0 | 1.1  | 1.3            | .4    | .2       |       |                                    |       |        |       |        |       |        | 94       | 94       | 108       |                    |       |       |  |
| 52/ 51       |                                     | .3  | 1.4 | 2.0 | .8  | 1.4  | .6             | .3    |          |       |                                    |       |        |       |        |       |        | 80       | 80       | 184       |                    |       |       |  |
| 50/ 49       |                                     | .3  | 1.3 | 1.6 | 1.2 | .8   | .4             |       |          |       |                                    |       |        |       |        |       |        | 68       | 68       | 219       |                    |       |       |  |
| 48/ 47       |                                     |     | .9  | 1.4 | .8  | .3   | .1             |       |          |       |                                    |       |        |       |        |       |        | 41       | 41       | 219       |                    |       |       |  |
| 46/ 45       |                                     |     | .8  | .6  | .3  | .3   |                |       |          |       |                                    |       |        |       |        |       |        | 23       | 23       | 138       |                    |       |       |  |
| 44/ 43       |                                     | .1  | .8  |     | .2  |      |                |       |          |       |                                    |       |        |       |        |       |        | 12       | 12       | 76        |                    |       |       |  |
| 42/ 41       |                                     |     | .4  | .1  |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 6        | 6        | 83        |                    |       |       |  |
| 40/ 39       |                                     |     | .3  |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 3        | 3        | 43        |                    |       |       |  |
| 38/ 37       |                                     | .1  |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 1        | 1        | 17        |                    |       |       |  |
| 36/ 35       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          | 9         |                    |       |       |  |
| 34/ 33       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 32/ 31       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 30/ 29       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 28/ 27       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 26/ 25       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 24/ 23       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 22/ 21       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 20/ 19       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| 18/ 17       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | X̄  |      | σ <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |       |        |          |          |           | Total              |       |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |                |       |          |       | ≤ 0 F                              |       | ≤ 32 F |       | ≥ 67 F |       | ≥ 73 F |          | ≥ 80 F   |           | ≥ 93 F             |       | Total |  |
| Dry Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Dew Point    |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

MAY  
MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | "         |  |
| 14/ 13       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| TOTAL        |                                     | .8    | 7.0   | 10.9  | 13.3  | 15.6   | 14.7    | 11.9    | 9.9     | 7.1     | 5.1     | 2.5     | .9      | .2      | .1      |         | .1   | 1183      | 1183     | 1183     | 1183      |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23162 PALMDALE APT CALIF

49-54,61-64,71-73

JUL  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          | TOTAL     | TOTAL |  |  |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|----------------|---------|---------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|-----------|----------|----------|-----------|-------|--|--|
|             | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12        | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 85/ 85      |                                     |       |       |       |       |        |                |         |         |         |                                    | .1      | .1      |         |         |         |       | 2         | 2        |          |           |       |  |  |
| 84/ 83      |                                     |       |       |       |       |        |                |         |         |         |                                    | .2      | .1      | .2      |         |         |       | 5         | 5        |          |           |       |  |  |
| 82/ 81      |                                     |       |       |       |       |        |                |         |         |         | .1                                 | .3      | .3      | .1      |         |         |       | 8         | 8        |          |           |       |  |  |
| 80/ 79      |                                     |       |       |       |       |        |                |         |         | .3      | .2                                 | .2      | .3      | .2      |         |         |       | 12        | 12       |          |           |       |  |  |
| 78/ 77      |                                     |       |       |       |       |        |                | .4      | .1      | .1      | .4                                 | .4      | .5      |         |         |         |       | 20        | 20       |          |           |       |  |  |
| 76/ 75      |                                     |       |       |       |       |        | .1             | .1      | .3      | .7      | 1.0                                | .4      | .1      | .2      |         |         |       | 31        | 31       |          |           |       |  |  |
| 74/ 73      |                                     |       |       |       |       |        | .2             | .3      | .4      | 1.0     | .9                                 | .5      | .4      | .1      |         |         |       | 41        | 41       |          |           |       |  |  |
| 72/ 71      |                                     |       |       |       |       |        | .3             | .5      | 1.0     | 1.3     | .9                                 | .6      | .2      |         |         |         |       | 53        | 53       |          |           |       |  |  |
| 70/ 69      |                                     |       |       |       |       | .1     | .5             | 1.3     | 1.6     | 1.4     | .7                                 | .6      |         |         |         |         |       | 70        | 70       |          |           |       |  |  |
| 68/ 67      |                                     |       |       |       | .4    | .5     | .4             | 2.2     | 2.8     | 1.4     | .4                                 | .3      | .2      |         |         |         |       | 97        | 97       |          |           |       |  |  |
| 66/ 65      |                                     |       |       |       | .3    | .6     | 1.8            | 3.1     | 1.6     | .8      | .4                                 | .2      |         |         |         |         |       | 98        | 98       |          |           |       |  |  |
| 64/ 63      |                                     |       |       |       | .5    | 2.1    | 2.2            | 1.8     | 1.7     | .6      | .1                                 |         |         |         |         |         |       | 101       | 101      | 6        |           |       |  |  |
| 62/ 61      |                                     |       | .1    | .3    | 1.6   | 1.7    | 2.9            | 1.6     | .8      | .5      |                                    |         |         |         |         |         |       | 106       | 106      | 13       |           |       |  |  |
| 60/ 59      |                                     |       | .1    | .8    | 2.0   | 2.2    | 3.4            | 1.7     | .3      | .2      |                                    |         |         |         |         |         |       | 119       | 119      | 28       |           |       |  |  |
| 58/ 57      |                                     |       | .2    | 1.5   | 2.1   | 1.7    | 1.2            | .6      | .2      |         |                                    |         |         |         |         |         |       | 83        | 83       | 51       | 5         |       |  |  |
| 56/ 55      |                                     |       | 1.1   | 1.2   | 1.5   | 1.8    | .6             | .3      | .2      |         |                                    |         |         |         |         |         |       | 74        | 74       | 91       | 5         |       |  |  |
| 54/ 53      |                                     | .1    | 1.9   | 2.6   | .5    | .9     | .4             | .1      |         |         |                                    |         |         |         |         |         |       | 72        | 72       | 157      | 13        |       |  |  |
| 52/ 51      |                                     |       | 1.3   | 1.6   | .8    | .6     | .2             | .1      |         |         |                                    |         |         |         |         |         |       | 52        | 52       | 202      | 20        |       |  |  |
| 50/ 49      |                                     | .1    | .5    | 1.2   | .8    | .4     | .3             |         |         |         |                                    |         |         |         |         |         |       | 36        | 36       | 192      | 50        |       |  |  |
| 48/ 47      |                                     |       | .4    | .8    | .4    | .3     | .1             |         |         |         |                                    |         |         |         |         |         |       | 22        | 22       | 180      | 79        |       |  |  |
| 46/ 45      |                                     |       | .1    | .5    | .1    | .2     |                |         |         |         |                                    |         |         |         |         |         |       | 10        | 10       | 79       | 97        |       |  |  |
| 44/ 43      |                                     |       |       |       | .1    | .1     |                |         |         |         |                                    |         |         |         |         |         |       | 2         | 2        | 59       | 131       |       |  |  |
| 42/ 41      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          | 34       | 146       |       |  |  |
| 40/ 39      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          | 11       | 115       |       |  |  |
| 38/ 37      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          | 8        | 92        |       |  |  |
| 36/ 35      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          | 2        | 105       |       |  |  |
| 34/ 33      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          | 1        | 72        |       |  |  |
| 32/ 31      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          | 49        |       |  |  |
| 30/ 29      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          | 43        |       |  |  |
| 28/ 27      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          | 13        |       |  |  |
| 26/ 25      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          | 16        |       |  |  |
| 24/ 23      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          | 20        |       |  |  |
| 22/ 21      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          | 16        |       |  |  |
| 20/ 19      |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          | 11        |       |  |  |
| Element (X) | Σ x <sup>2</sup>                    |       | Σ x   |       | x̄    |        | s <sub>x</sub> |         | No. Obs |         | Mean No. of Hours with Temperature |         |         |         |         |         |       |           |          |          |           |       |  |  |
| Rel. Hum    |                                     |       |       |       |       |        |                |         |         |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F  | Total |           |          |          |           |       |  |  |
| Dry Bulb    |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          |           |       |  |  |
| Wet Bulb    |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          |           |       |  |  |
| Dew Point   |                                     |       |       |       |       |        |                |         |         |         |                                    |         |         |         |         |         |       |           |          |          |           |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73

JUL  
MONTH

**PAGE 2**

0000-0200  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUN  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|----------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12        | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 80 / 79      |                                     |       |       |       |       |        |                |         |          |         | .3                                 | .3      | .1      |         |         |         |       | 7         | 7        |          |           |  |
| 78 / 77      |                                     |       |       |       |       |        |                |         | .1       |         |                                    | .2      | .1      |         |         |         |       | 4         | 4        |          |           |  |
| 76 / 75      |                                     |       |       |       |       |        |                |         | .3       | .2      | .4                                 | .1      | .1      |         |         |         |       | 11        | 11       |          |           |  |
| 74 / 73      |                                     |       |       |       |       |        | .1             | .4      | .2       | .9      | .2                                 | .5      |         |         |         |         |       | 25        | 25       |          |           |  |
| 72 / 71      |                                     |       |       |       |       |        | .1             | .2      | .7       | .6      | .5                                 | .4      |         |         |         |         |       | 28        | 28       |          |           |  |
| 70 / 69      |                                     |       |       |       |       |        | .6             | .8      | .7       | .5      | .3                                 | .1      |         |         |         |         |       | 33        | 33       |          |           |  |
| 68 / 67      |                                     |       |       |       | .2    | .4     | .5             | 1.8     | .5       | .9      |                                    |         |         |         |         |         |       | 46        | 46       |          |           |  |
| 66 / 65      |                                     |       |       |       | .3    | .8     | .6             | 1.3     | 1.1      | .5      | .1                                 |         |         |         |         |         |       | 52        | 52       |          |           |  |
| 64 / 63      |                                     |       |       | .3    | .8    | 1.0    | 2.0            | 1.5     | 1.1      | .5      | .1                                 |         |         |         |         |         |       | 81        | 81       |          |           |  |
| 62 / 61      |                                     |       | .1    | .4    | 1.0   | 2.2    | 2.3            | 1.9     | .5       | .3      | .1                                 |         |         |         |         |         |       | 96        | 96       | 3        |           |  |
| 60 / 59      |                                     |       | .1    | .5    | 2.2   | 3.2    | 2.5            | 1.5     | .5       | .3      |                                    |         |         |         |         |         |       | 120       | 120      | 15       |           |  |
| 58 / 57      |                                     |       | .3    | 2.0   | 2.9   | 3.4    | 2.7            | 1.3     | .2       | .1      | .1                                 |         |         |         |         |         |       | 143       | 143      | 32       |           |  |
| 56 / 55      |                                     |       | 1.4   | 3.1   | 2.8   | 2.4    | 1.3            | .7      | .1       |         |                                    |         |         |         |         |         |       | 130       | 130      | 62       | 1         |  |
| 54 / 53      |                                     |       | 2.3   | 2.3   | 2.5   | .6     | 1.0            | .3      | .2       |         |                                    |         |         |         |         |         |       | 103       | 103      | 97       | 11        |  |
| 52 / 51      |                                     |       | 2.0   | 2.6   | 1.0   | .8     | .5             | .1      |          |         |                                    |         |         |         |         |         |       | 78        | 78       | 158      | 20        |  |
| 50 / 49      |                                     | .1    | 2.2   | 1.4   | .8    | .5     | .2             |         |          |         |                                    |         |         |         |         |         |       | 57        | 57       | 206      | 36        |  |
| 48 / 47      |                                     | .1    | 1.2   | 1.6   | .5    | .5     | .2             |         |          |         |                                    |         |         |         |         |         |       | 45        | 45       | 192      | 95        |  |
| 46 / 45      |                                     | .1    | .5    | .7    | .7    | .2     |                |         |          |         |                                    |         |         |         |         |         |       | 24        | 24       | 138      | 88        |  |
| 44 / 43      |                                     | .1    | .2    | .8    | .2    |        |                |         |          |         |                                    |         |         |         |         |         |       | 14        | 14       | 85       | 153       |  |
| 42 / 41      |                                     | .1    | .6    | .2    | .2    |        |                |         |          |         |                                    |         |         |         |         |         |       | 12        | 12       | 50       | 139       |  |
| 40 / 39      |                                     |       | .1    |       | .1    |        |                |         |          |         |                                    |         |         |         |         |         |       | 2         | 2        | 41       | 124       |  |
| 38 / 37      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          | 22       | 91        |  |
| 36 / 35      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          | 7        | 74        |  |
| 34 / 33      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          | 3        | 67        |  |
| 32 / 31      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 72        |  |
| 30 / 29      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 38        |  |
| 28 / 27      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 32        |  |
| 26 / 25      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 21        |  |
| 24 / 23      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 10        |  |
| 22 / 21      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 11        |  |
| 20 / 19      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 8         |  |
| 18 / 17      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 3         |  |
| 16 / 15      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 2         |  |
| 14 / 13      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 2         |  |
| Element (X)  | Σ X <sup>2</sup>                    |       | Σ X   |       | X̄    |        | s <sub>x</sub> |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |       |           |          |          |           |  |
| Rel. Hum.    |                                     |       |       |       |       |        |                |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F  | Total |           |          |          |           |  |
| Dry Bulb     |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |  |
| Wet Bulb     |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |  |
| Dew Point    |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |  |



## PSYCHROMETRIC SUMMARY

JUN  
MONTH

0300-0500  
HOURS (L. S. T.)

| Temp.<br>(F)     | WET BULB TEMPERATURE DEPRESSION (F.) |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          | TOTAL    | TOTAL     |  |  |
|------------------|--------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|
|                  | 0                                    | 1-2 | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |
| 8 / 7<br>-4 / -5 |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
| TOTAL            |                                      | .5  | 10.8 | 15.8 | 16.0 | 16.1 | 14.5  | 11.7  | 6.0   | 4.8   | 2.0   | 1.5   | .3    |       |       |       |      | 1111      | 1111     | 1111     | 1111      |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |
|                  |                                      |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
YEARS

JUN  
MONTH

PAGE 1

600-0800  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | TOTAL     | TOTAL |  |  |
|-------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 98/ 97      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        | .2    | 2         | 2        |          |           |       |  |  |
| 96/ 95      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        | .2    | 3         | 3        |          |           |       |  |  |
| 94/ 93      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        | .1    | 2         | 2        |          |           |       |  |  |
| 92/ 91      |                                     |     |     |     |     |      |                |       |          |       |                                    |        | .1     | .2     | .3     | .1     | .2    | 9         | 9        |          |           |       |  |  |
| 90/ 89      |                                     |     |     |     |     |      |                |       |          |       |                                    | .1     | .2     | .3     | .5     | .3     | .1    | 15        | 15       |          |           |       |  |  |
| 88/ 87      |                                     |     |     |     |     |      |                |       |          |       |                                    | .1     | .1     | .4     | .8     | .4     |       | 20        | 20       |          |           |       |  |  |
| 86/ 85      |                                     |     |     |     |     |      |                |       |          | .1    | .4                                 | .4     | .5     | .6     | .8     | .3     |       | 30        | 30       |          |           |       |  |  |
| 84/ 83      |                                     |     |     |     |     |      |                |       |          | .1    | .4                                 | .6     | 1.2    | 1.0    | .5     |        | .2    | 45        | 45       |          |           |       |  |  |
| 82/ 81      |                                     |     |     |     |     |      |                |       |          | .2    | .4                                 | 1.0    | 1.2    | .8     | .3     | .1     |       | 44        | 44       |          |           |       |  |  |
| 80/ 79      |                                     |     |     |     |     |      |                |       | .1       | .7    | 1.3                                | 1.6    | 1.1    | .3     | .2     |        |       | 58        | 58       |          |           |       |  |  |
| 78/ 77      |                                     |     |     |     |     |      |                |       | .3       | .8    | 1.6                                | .8     | 1.3    | .3     | .3     |        |       | 59        | 59       |          |           |       |  |  |
| 76/ 75      |                                     |     |     |     |     |      |                | .3    | .5       | 1.3   | 2.1                                | 1.8    | .3     | .1     |        |        |       | 72        | 72       |          |           |       |  |  |
| 74/ 73      |                                     |     |     |     |     |      | .1             | .3    | 1.7      | 2.1   | 1.5                                | .6     | .4     | .1     |        |        |       | 77        | 77       |          |           |       |  |  |
| 72/ 71      |                                     |     |     |     |     |      | .3             | .9    | 2.0      | 2.2   | 1.4                                | .4     | .2     |        |        |        |       | 82        | 82       |          |           |       |  |  |
| 70/ 69      |                                     |     |     | .1  |     | .2   | .6             | 1.5   | 1.4      | 2.1   | .7                                 | .2     |        |        |        |        |       | 77        | 77       |          |           |       |  |  |
| 68/ 67      |                                     |     |     |     | .1  | .3   | 1.1            | 2.2   | 2.1      | 1.4   | .6                                 |        | .1     |        |        |        |       | 89        | 89       |          | 4         |       |  |  |
| 66/ 65      |                                     |     |     |     | .2  | 1.0  | 2.1            | 2.3   | 1.5      | .4    | .1                                 | .1     |        |        |        |        |       | 86        | 86       | 13       |           |       |  |  |
| 64/ 63      |                                     |     |     |     | .4  | 1.1  | 2.5            | 2.1   | .6       | .4    |                                    |        |        |        |        |        |       | 80        | 80       | 24       | 1         |       |  |  |
| 62/ 61      |                                     |     |     | .2  | 1.0 | 2.5  | 1.6            | 1.3   | .3       | .2    |                                    |        |        |        |        |        |       | 79        | 79       | 59       |           |       |  |  |
| 60/ 59      |                                     |     |     | .4  | 1.5 | 1.4  | 1.3            | .8    | .1       |       |                                    |        |        |        |        |        |       | 63        | 63       | 91       |           |       |  |  |
| 58/ 57      |                                     |     | .1  | .9  | .8  | 1.2  | .6             | .3    | .1       |       |                                    |        |        |        |        |        |       | 44        | 44       | 134      |           |       |  |  |
| 56/ 55      |                                     |     | .1  | .5  | 1.1 | .6   | .5             | .1    |          |       |                                    |        |        |        |        |        |       | 33        | 33       | 175      | 4         |       |  |  |
| 54/ 53      |                                     |     | .1  | .8  | .9  | .2   | .4             |       |          |       |                                    |        |        |        |        |        |       | 24        | 24       | 174      | 16        |       |  |  |
| 52/ 51      |                                     | .1  | .2  | .6  | .4  | .1   | .1             |       |          |       |                                    |        |        |        |        |        |       | 17        | 17       | 174      | 29        |       |  |  |
| 50/ 49      |                                     |     | .1  | .3  | .2  | .1   |                |       |          |       |                                    |        |        |        |        |        |       | 7         | 7        | 123      | 59        |       |  |  |
| 48/ 47      |                                     |     |     |     | .2  |      |                |       |          |       |                                    |        |        |        |        |        |       | 2         | 2        | 73       | 84        |       |  |  |
| 46/ 45      |                                     |     |     |     | .1  |      |                |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 51       | 118       |       |  |  |
| 44/ 43      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          | 19       | 141       |       |  |  |
| 42/ 41      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          | 5        | 147       |       |  |  |
| 40/ 39      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          | 1        | 146       |       |  |  |
| 38/ 37      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 96        |       |  |  |
| 36/ 35      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 100       |       |  |  |
| 34/ 33      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 53        |       |  |  |
| 32/ 31      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 46        |       |  |  |
| Element (X) | Σx <sup>2</sup>                     |     | Σx  |     | Σ   |      | σ <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Rel. Hum.   |                                     |     |     |     |     |      |                |       |          |       | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |       |  |  |
| Dry Bulb    |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Wet Bulb    |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Dew Point   |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |



## PSYCHROMETRIC SUMMARY

JUN  
MONTH

0600-0800  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | TOTAL     | TOTAL    |          |           |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 30 / 29      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 22        |
| 28 / 27      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 21        |
| 26 / 25      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 12        |
| 24 / 23      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 13        |
| 22 / 21      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 4         |
| 20 / 19      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |
| 18 / 17      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |
| 16 / 15      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |
| 14 / 13      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |
| 12 / 11      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 3         |
| 10 / 9       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |
| 8 / 7        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |
| TOTAL        |                                     | .1    | .5    | 3.7   | 6.8   | 8.6    | 11.3    | 12.1    | 10.7    | 12.1    | 10.4    | 7.5     | 6.5     | 4.0     | 3.8     | 1.2     | .9   | 1120      | 1120     | 1121     | 1121      |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-73

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|----------|----------|-----------|--------|--|--------|--|--|--|--|--|--|--|--|--------------------|-------|--|--|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20    | 21-22 | 23-24                              | 25-26 | 27-28  | 29-30 | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 108/107      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | .1       | 1        | 1         |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 106/105      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | .6       | 7        | 7         |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 104/103      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | .5       | 6        | 6         |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 102/101      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | .5       | 6        | 6         |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 100/ 99      |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       | .1     | 1.4      | 17       | 17        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 98/ 97       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 1.7      | 20       | 20        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 96/ 95       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       | .2     | 2.8      | 40       | 40        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    | .1    | .2     | .3    | 1.3    | 2.2      | 46       | 46        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       | .1     | .7    | 1.9    | 2.5      | 58       | 58        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       |          |       | .1                                 | .2    | .8     | 1.5   | 2.2    | 2.2      | 79       | 79        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       | .4     | 1.3   | 2.5    | 2.2      | .9       | 81        | 81     |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    | .5    | .7     | 2.3   | 2.2    | 1.5      | .6       | 89        | 89     |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |       |          | .3    | 1.1                                | 1.9   | 2.5    | 1.5   | .7     |          | 89       | 89        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |       | .1       | .9    | 1.2                                | 1.9   | 2.0    | .8    | .3     | .1       | 80       | 80        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       | .1    | .4       | .7    | 2.0                                | 1.8   | 1.0    | .2    | .3     |          | 71       | 71        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       | .5    | .5    | 1.8      | 2.0   | 1.5                                | .5    | .1     |       |        |          | 78       | 78        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       | .1    | .4    | 1.3      | 1.8   | 1.9                                | .7    | .3     |       |        |          | 72       | 72        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 74/ 73       |                                     |     |     |     |     |      |       |       | .4    | 1.0   | 2.3      | 1.4   | .9                                 | .6    | .1     |       |        |          | 75       | 75        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       | .3    | .7    | 1.2      | 1.1   | .4                                 |       |        |       |        |          | 41       | 41        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 70/ 69       |                                     |     |     |     |     |      | .3    | .8    | 1.7   | .7    | .5       | .4    |                                    |       |        |       |        |          | 49       | 49        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 68/ 67       |                                     |     |     |     |     |      | .4    | 1.3   | .4    | .5    | .3       | .1    |                                    |       |        |       |        |          | 34       | 34        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 66/ 65       |                                     |     |     |     |     | .1   | .3    | .9    | .4    | .2    | .1       |       |                                    |       |        |       |        |          | 22       | 22        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 64/ 63       |                                     |     |     |     | .1  | .4   | .8    | .7    | .3    | .2    |          |       |                                    |       |        |       |        |          | 27       | 27        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 62/ 61       |                                     |     |     |     | .1  | .1   | .6    | .3    | .2    |       |          |       |                                    |       |        |       |        |          | 14       | 14        |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 60/ 59       |                                     |     |     |     | .1  | .4   | .1    | .1    |       |       |          |       |                                    |       |        |       |        |          | 7        | 7         |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 58/ 57       |                                     |     |     |     | .1  | .2   | .1    | .1    |       |       |          |       |                                    |       |        |       |        |          | 5        | 5         |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 56/ 55       |                                     |     |     |     |     | .2   |       |       |       |       |          |       |                                    |       |        |       |        |          | 2        | 2         |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| Element (X)  | Σ X'                                |     | Σ X |     | Σ   |      | Σ     |       | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |          |       | ± 0 F                              |       | ± 32 F |       | ± 67 F |          | ± 73 F   |           | ± 80 F |  | ± 93 F |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |          |          |           |        |  |        |  |  |  |  |  |  |  |  |                    |       |  |  |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION N

49-54, 61-64, 71-73

      
MONTH

PAGE 2 0900-1100

HOURS (L S. T )

[illegible]



## PSYCHROMETRIC SUMMARY

Jul:  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

JUN  
MONTH

PAGE 2      1200-1400  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

JUN  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

JUN  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 106/105      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .1        | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 102/101      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .1        | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 100/99       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | .4        | 4        | 4        |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 98/97        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | .7        | 9        | 9        |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 96/95        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .1    | .1    |      | .7        | 10       | 10       |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 94/93        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       | .1    | .4   | 1.3       | 19       | 19       |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 92/91        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .5   | .4        | .8       | 20       | 20        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 90/89        |                                     |     |     |     |     |      |       |       |       |       |       | .1    | .3    | .4    | 1.2   | .4    | 1.0  | .6        | 38       | 38       |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 88/87        |                                     |     |     |     |     |      |       |       |       | .1    |       | .4    | .5    | 1.0   | 1.1   | .8    | .6   | 50        | 50       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 86/85        |                                     |     |     |     |     |      |       |       |       |       | .3    | .4    | 1.0   | .9    | 1.3   | .3    | .2   | 48        | 48       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 84/83        |                                     |     |     |     |     |      |       |       | .1    |       | .4    | 1.2   | 1.1   | 1.3   | 1.0   | .4    | .1   | 62        | 62       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 82/81        |                                     |     |     |     |     |      |       |       | .2    | .2    | .9    | 1.7   | 1.9   | 1.0   | .4    |       | .1   | 71        | 71       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 80/79        |                                     |     |     |     |     |      |       |       | .1    | .8    | 1.3   | 1.9   | 1.6   | 1.1   | .4    |       |      | 83        | 83       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 78/77        |                                     |     |     |     |     |      |       | .1    | .4    | 1.9   | 1.2   | 1.4   | 1.5   | .5    | .1    | .4    |      | 79        | 79       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 76/75        |                                     |     |     |     |     |      |       | .1    | .7    | .6    | 2.0   | 1.6   | 1.4   | .4    |       | .4    |      | 81        | 81       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 74/73        |                                     |     |     |     |     |      |       | .1    | 1.0   | 1.7   | 1.8   | 1.4   | 1.4   | .5    |       |       |      | 89        | 89       |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 72/71        |                                     |     |     |     |     | .1   | .5    | .8    | 2.0   | 1.1   | 1.3   | .5    | .3    |       |       |       |      | 74        | 74       |          | 1         |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 70/69        |                                     |     |     |     |     | .2   | 1.0   | 2.0   | 1.2   | 1.1   | .7    | .2    |       |       |       |       |      | 70        | 70       |          | 1         |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 68/67        |                                     |     |     |     | .1  | 1.1  | 1.7   | 1.2   | 1.2   | .4    | .1    |       |       |       |       |       |      | 64        | 64       |          | 8         |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 66/65        |                                     |     |     |     | .3  | .9   | 1.5   | 1.3   | .6    | .6    | .1    |       |       |       |       |       |      | 59        | 59       |          | 17        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 64/63        |                                     |     |     |     | .8  | 1.4  | 1.2   | .5    |       | .2    |       |       |       |       |       |       |      | 46        | 46       |          | 53        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 62/61        |                                     |     | .1  | 1.2 | 1.3 | .5   | .4    | .1    |       |       |       |       |       |       |       |       |      | 39        | 39       |          | 104       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 60/59        |                                     |     | .4  | 1.6 | .6  | .3   | .1    | .1    |       |       |       |       |       |       |       |       |      | 34        | 34       |          | 143       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 58/57        |                                     |     | 1.1 | .9  | .4  | .1   | .1    | .1    |       |       |       |       |       |       |       |       |      | 29        | 29       |          | 196       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 56/55        |                                     |     | .3  | .9  | .3  | .4   |       |       |       |       |       |       |       |       |       |       |      | 20        | 20       |          | 192       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 54/53        |                                     |     | .4  | .4  | .1  |      |       |       |       |       |       |       |       |       |       |       |      | 9         | 9        |          | 162       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 52/51        |                                     |     |     | .6  |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 25        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 50/49        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 7         | 7        |          | 124       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 48/47        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 53        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 46/45        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 68        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 44/43        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 81        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 42/41        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 29        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 40/39        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 123       |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
| 38/37        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 15        |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |       |  |  |



## PSYCHROMETRIC SUMMARY

JUN  
MONTH

PAGE 2 1500-2000  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUN  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |       |  |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|----------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|--------|----------|----------|-----------|--------------------|-------|-------|--|
|             | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12        | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |                    |       |       |  |
| 90/ 89      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         | .2     | 2        | 2        |           |                    |       |       |  |
| 88/ 87      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         | .3      | .3      |         |        | 6        | 6        |           |                    |       |       |  |
| 86/ 85      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         | .6      | .4      | .1      | .1     | 13       | 13       |           |                    |       |       |  |
| 84/ 83      |                                     |       |       |       |       |        |                |         |          | .1      |                                    | .2      | .4      | .7      | .3      |         |        | 19       | 19       |           |                    |       |       |  |
| 82/ 81      |                                     |       |       |       |       |        |                |         |          | .1      | .1                                 | .5      | .9      | .3      | .4      |         |        | 21       | 21       |           |                    |       |       |  |
| 80/ 79      |                                     |       |       |       |       |        |                | .1      | .2       | .4      | .4                                 | 1.0     | 1.3     | .2      |         |         |        | 41       | 41       |           |                    |       |       |  |
| 78/ 77      |                                     |       |       |       |       |        |                | .1      | .2       | 1.0     | 1.2                                | 1.9     | .9      | .3      | .1      |         |        | 62       | 62       |           |                    |       |       |  |
| 76/ 75      |                                     |       |       |       |       |        |                | .1      | .4       | 1.3     | 1.7                                | 1.0     | .9      | .3      |         |         |        | 62       | 62       |           |                    |       |       |  |
| 74/ 73      |                                     |       |       |       |       | .1     | .1             | .2      | 1.2      | 1.8     | 1.9                                | 1.2     | .5      | .2      |         |         |        | 79       | 79       |           |                    |       |       |  |
| 72/ 71      |                                     |       |       |       | .2    | .4     | 1.4            | 1.8     | 2.4      | 1.6     | 1.3                                | .6      | .3      |         |         |         |        | 112      | 112      |           |                    |       |       |  |
| 70/ 69      |                                     |       |       | .2    | .8    | 2.0    | 2.2            | 1.3     | 1.3      | .6      | .5                                 |         |         |         |         |         |        | 100      | 100      |           |                    |       |       |  |
| 68/ 67      |                                     |       |       | .2    | 1.3   | 2.1    | 3.0            | 1.2     | .7       | .2      |                                    |         |         |         |         |         |        | 95       | 95       |           |                    |       |       |  |
| 66/ 65      |                                     |       |       | .3    | 1.3   | 2.1    | 1.5            | 1.8     | 1.1      | .4      | .2                                 |         |         |         |         |         |        | 96       | 96       | 2         |                    |       |       |  |
| 64/ 63      |                                     |       | .1    | 1.0   | 1.6   | 2.0    | 2.3            | 1.0     | .3       | .2      |                                    |         |         |         |         |         |        | 94       | 94       | 7         |                    |       |       |  |
| 62/ 61      |                                     |       | .4    | 1.4   | 1.6   | 1.8    | 1.0            | .4      | .1       |         |                                    |         |         |         |         |         |        | 74       | 74       | 21        |                    |       |       |  |
| 60/ 59      |                                     | .1    | .4    | 1.8   | 1.4   | 1.4    | .5             | .3      |          |         |                                    |         |         |         |         |         |        | 66       | 66       | 63        |                    |       |       |  |
| 58/ 57      |                                     | .4    | .7    | 1.4   | 1.3   | .6     | .3             |         |          |         |                                    |         |         |         |         |         |        | 52       | 52       | 98        |                    |       |       |  |
| 56/ 55      |                                     | 1.0   | 2.1   | 1.5   | .4    | .4     | .3             | .2      |          |         |                                    |         |         |         |         |         |        | 66       | 66       | 204       |                    |       |       |  |
| 54/ 53      |                                     | .5    | 1.3   | .5    | .4    | .3     |                |         |          |         |                                    |         |         |         |         |         |        | 34       | 34       | 179       |                    |       |       |  |
| 52/ 51      |                                     | .4    | .4    | .4    | .1    |        |                |         |          |         |                                    |         |         |         |         |         |        | 14       | 14       | 195       |                    |       |       |  |
| 50/ 49      |                                     | .4    | .3    | .1    | .1    | .1     |                |         |          |         |                                    |         |         |         |         |         |        | 10       | 10       | 172       |                    |       |       |  |
| 48/ 47      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 98        |                    |       |       |  |
| 46/ 45      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 52        |                    |       |       |  |
| 44/ 43      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 18        |                    |       |       |  |
| 42/ 41      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 7         |                    |       |       |  |
| 40/ 39      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 1         |                    |       |       |  |
| 38/ 37      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 1         |                    |       |       |  |
| 36/ 35      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |                    |       |       |  |
| 34/ 33      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |                    |       |       |  |
| 32/ 31      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |                    |       |       |  |
| 30/ 29      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |                    |       |       |  |
| 28/ 27      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |                    |       |       |  |
| 26/ 25      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |                    |       |       |  |
| 24/ 23      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |                    |       |       |  |
| Element (X) | Σ X <sup>2</sup>                    |       | Σ X   |       | X̄    |        | s <sub>x</sub> |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |        |          |          |           |                    |       |       |  |
| Rel. Hum.   |                                     |       |       |       |       |        |                |         |          |         | ≤ 0 F                              |         | ≤ 32 F  |         | ≥ 67 F  |         | ≥ 73 F |          | ≥ 80 F   |           | ≥ 93 F             |       | Total |  |
| Dry Bulb    |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |                    |       |       |  |
| Wet Bulb    |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |                    |       |       |  |
| Dew Point   |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |                    |       |       |  |

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## PSYCHROMETRIC SUMMARY

|              |                           |
|--------------|---------------------------|
| <u>23182</u> | <u>PALMDALE APT CALIF</u> |
| STATION      | STATION NAME              |

49-54, 61-64, 71-73

JUN  
MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

JUL  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

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## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION NAME

49-54, 61-64, 71-73

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PAGE 2 0000-0200  
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0000-0200  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUL  
MONTH

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HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           | TOTAL    | TOTAL    |           |       |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |                |       | .2    | .3       | .1    | .1    |                                    |        |           | 7        | 7        |           |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       | .3             | .6    | .3    | .2       | .3    | .3    |                                    |        |           | 24       | 24       |           |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      | .1    | .4    | .3    | .6             | .7    | .2    | .4       | .1    | .1    |                                    |        |           | 34       | 34       |           |       |  |  |
| 76/ 75       |                                     |     |     |     |     | .2   | .3    | .6    | .9    | 1.1            | .9    | .9    | .6       | .3    | .2    |                                    |        |           | 69       | 69       |           |       |  |  |
| 74/ 73       |                                     |     |     | .1  | .2  | .2   | .6    | .9    | 1.2   | 3.0            | 1.2   | .9    | .3       |       |       |                                    |        |           | 99       | 99       |           |       |  |  |
| 72/ 71       |                                     |     |     | .1  | .4  | .6   | 1.6   | 1.6   | 2.8   | 1.9            | 1.6   | .3    | .3       |       |       |                                    |        |           | 130      | 130      |           |       |  |  |
| 70/ 69       |                                     |     | .3  | .3  | .4  | 1.1  | 1.2   | 1.7   | 3.3   | 2.7            | 1.6   | .3    | .2       |       |       |                                    |        |           | 152      | 152      |           |       |  |  |
| 68/ 67       |                                     |     | .2  | .3  | .3  | 1.2  | 2.1   | 3.0   | 2.5   | 2.9            | .6    | .4    |          |       |       |                                    |        |           | 157      | 157      | 2         |       |  |  |
| 66/ 65       |                                     |     | .3  | .2  | .3  | .5   | 2.8   | 3.4   | 2.8   | 1.4            | .3    |       |          |       |       |                                    |        |           | 138      | 138      | 10        | 2     |  |  |
| 64/ 63       |                                     |     |     | .2  | .2  | .9   | 2.7   | 1.7   | 2.5   | .7             |       |       |          |       |       |                                    |        |           | 102      | 102      | 29        | 3     |  |  |
| 62/ 61       |                                     |     |     | .1  | .7  | 1.1  | 1.3   | 1.3   | 1.6   | .1             |       |       |          |       |       |                                    |        |           | 77       | 77       | 45        | 9     |  |  |
| 60/ 59       |                                     |     |     | .1  | .1  | 1.3  | 1.4   | 1.4   | .3    |                |       |       |          |       |       |                                    |        |           | 54       | 54       | 79        | 21    |  |  |
| 58/ 57       |                                     |     |     | .1  | .7  | 1.2  | 1.1   | 1.1   | .3    |                |       |       |          |       |       |                                    |        |           | 53       | 53       | 104       | 0     |  |  |
| 56/ 55       |                                     |     |     | .2  | .8  | .7   | .7    | .3    | .1    |                |       |       |          |       |       |                                    |        |           | 31       | 31       | 141       | 19    |  |  |
| 54/ 53       |                                     |     |     |     | .7  | .6   | .2    | .2    |       |                |       |       |          |       |       |                                    |        |           | 19       | 19       | 198       | 30    |  |  |
| 52/ 51       |                                     |     |     | .1  | .3  | .3   | .2    |       |       |                |       |       |          |       |       |                                    |        |           | 9        | 9        | 175       | 51    |  |  |
| 50/ 49       |                                     |     |     |     | .2  | .2   |       |       |       |                |       |       |          |       |       |                                    |        |           | 4        | 4        | 153       | 46    |  |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 109       | 62    |  |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 75        | 84    |  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 27        | 120   |  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 10        | 121   |  |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 2         | 103   |  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 93    |  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 83    |  |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 89    |  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 67    |  |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 51    |  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 30    |  |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 17    |  |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 20    |  |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 10    |  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 6     |  |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 2     |  |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | 3     |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     |     | Σ X |     |      | X̄    |       |       | s <sub>x</sub> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |           |          |          |           |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F    | ≥ 73 F   | ≥ 80 F   | ≥ 93 F    | Total |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

23162                      PALMDALE APT CALIF  
STATION                      STATION NAME

49-54, 61-64, 71-73 YEARS

Jul  
MONTH

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HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
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# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

49-54, 61-64, 71-73  
YEARS

JUL  
MONTH

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HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|-------|--|--|
|              | C                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |  |
| 96/ 95       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        | .3    | 4         | 4        |          |           |       |       |  |  |
| 94/ 93       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        | .2     | .2     |        | .3    | 10        | 10       |          |           |       |       |  |  |
| 92/ 91       |                                     |     |     |     |     |      |                |       |          |       |                                    |        | .1     | .1     | .6     | .5     | .7    | 23        | 23       |          |           |       |       |  |  |
| 90/ 89       |                                     |     |     |     |     |      |                |       |          |       | .1                                 | .1     | .3     | .3     | 1.4    | 1.1    | .5    | 50        | 50       |          |           |       |       |  |  |
| 88/ 87       |                                     |     |     |     |     |      |                |       |          | .2    | .3                                 | .3     | 1.2    | 1.8    | 1.0    | .7     | .3    | 67        | 67       |          |           |       |       |  |  |
| 86/ 85       |                                     |     |     |     |     |      |                |       |          | .1    | .6                                 | .6     | 1.7    | 2.0    | 2.1    | .8     | .2    | 92        | 92       |          |           |       |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |                | .1    | .2       | .1    | .7                                 | .9     | 2.0    | 1.7    | 1.2    | .7     | .2    | 88        | 88       |          |           |       |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |                |       | .6       | 1.0   | 1.2                                | 1.9    | 2.7    | 1.2    | .7     | .1     |       | 109       | 109      |          |           |       |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |                | .3    | 1.0      | 1.0   | 1.8                                | 3.0    | 2.4    | 1.1    | .1     |        |       | 125       | 125      |          |           |       |       |  |  |
| 78/ 77       |                                     |     |     |     |     | .2   | .3             | .5    | .6       | 1.7   | 2.3                                | 2.8    | 1.7    | .4     |        |        |       | 120       | 120      |          |           |       |       |  |  |
| 76/ 75       |                                     |     |     |     |     | .3   | .3             | .6    | 1.0      | 2.4   | 2.3                                | 1.8    | .5     | .2     |        |        |       | 110       | 110      |          |           |       |       |  |  |
| 74/ 73       |                                     |     | .1  | .2  |     | .3   | .4             | .7    | 1.0      | 3.0   | 1.0                                | .9     | .3     | .1     |        |        |       | 90        | 90       |          |           |       |       |  |  |
| 72/ 71       |                                     |     |     | .3  |     | .1   | .5             | .6    | 1.9      | 1.9   | 1.2                                | .1     |        |        |        |        |       | 76        | 76       |          | 1         |       |       |  |  |
| 70/ 69       |                                     |     | .1  | .2  |     | .3   | .5             | .9    | 1.6      | 1.1   | .7                                 |        |        |        |        |        |       | 61        | 61       |          | 5         |       |       |  |  |
| 68/ 67       |                                     |     |     | .1  |     | .1   | .6             | 1.0   | .7       | .5    | .3                                 |        |        |        |        |        |       | 44        | 44       |          | 17        |       |       |  |  |
| 66/ 65       |                                     |     |     |     |     | .3   | .6             | .9    | .6       | .3    |                                    | .1     |        |        |        |        |       | 33        | 33       |          | 49        |       |       |  |  |
| 64/ 63       |                                     |     |     |     | .2  | .2   | .6             | .4    | .4       | .2    |                                    |        |        |        |        |        |       | 23        | 23       |          | 104       |       |       |  |  |
| 62/ 61       |                                     |     | .1  |     |     | .1   | .6             | .3    | .2       |       |                                    |        |        |        |        |        |       | 15        | 15       |          | 130       |       |       |  |  |
| 60/ 59       |                                     |     |     |     | .1  | .1   | .2             |       | .1       |       |                                    |        |        |        |        |        |       | 5         | 5        |          | 187       |       |       |  |  |
| 58/ 57       |                                     |     |     | .1  |     | .1   | .2             |       |          |       |                                    |        |        |        |        |        |       | 4         | 4        |          | 202       |       |       |  |  |
| 56/ 55       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 197       |       |       |  |  |
| 54/ 53       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 131       |       |       |  |  |
| 52/ 51       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 71        |       |       |  |  |
| 50/ 49       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 35        |       |       |  |  |
| 48/ 47       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 16        |       |       |  |  |
| 46/ 45       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 4         |       |       |  |  |
| 44/ 43       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| 42/ 41       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| 40/ 39       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| 38/ 37       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| 36/ 35       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| 34/ 33       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| 30/ 29       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | X̄  |      | σ <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |                |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |       |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |       |  |  |

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## PSYCHROMETRIC SUMMARY

Jul  
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[illegible]



## PSYCHROMETRIC SUMMARY

JUL  
MONTH

HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (°C) |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |        | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|-------------|--------------------------------------|-------|-------|-------|-------|--------|----------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|--------|----------|----------|-----------|--------|--------------------|-------|--|--|
|             | 0                                    | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12        | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |        |                    |       |  |  |
| 106/105     |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        | .1       | 1        | 1         |        |                    |       |  |  |
| 104/103     |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        | .8       | 9        | 9         |        |                    |       |  |  |
| 102/101     |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        | 2.1      | 24       | 24        |        |                    |       |  |  |
| 100/ 99     |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        | .1       | 49       | 45        |        |                    |       |  |  |
| 98/ 97      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         | .3      | .9     | 6.9      | 93       | 93        |        |                    |       |  |  |
| 96/ 95      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         | .7      | 1.7    | 7.9      | 123      | 123       |        |                    |       |  |  |
| 94/ 93      |                                      |       |       |       |       |        |                |         |          |         |                                    |         | .1      | .3      |         | .7      | 1.7    | 7.9      | 123      | 123       |        |                    |       |  |  |
| 92/ 91      |                                      |       |       |       |       |        |                |         |          |         |                                    | .2      | .5      | .5      | 1.7     | 2.5     | 6.5    | 136      | 136      |           |        |                    |       |  |  |
| 90/ 89      |                                      |       |       |       |       |        |                |         |          |         | .1                                 | .1      | 1.0     | 1.6     | 2.7     | 3.4     | 4.3    | 150      | 150      |           |        |                    |       |  |  |
| 88/ 87      |                                      |       |       |       |       |        |                |         |          | .1      | .2                                 | .8      | 1.0     | 1.6     | 2.4     | 3.7     | 3.2    | 147      | 147      |           |        |                    |       |  |  |
| 86/ 85      |                                      |       |       |       |       |        |                |         |          | .1      | .5                                 | .8      | .9      | 1.3     | 3.3     | 3.8     | 1.3    | 137      | 137      |           |        |                    |       |  |  |
| 84/ 83      |                                      |       |       |       |       |        |                |         | .1       | .3      | .3                                 | .9      | .9      | 3.0     | 2.1     | 2.3     | .3     | 116      | 116      |           |        |                    |       |  |  |
| 82/ 81      |                                      |       |       |       |       |        |                |         | .2       | .3      | .4                                 | .8      | 1.4     | 1.5     | .9      | .5      |        | 68       | 68       |           |        |                    |       |  |  |
| 80/ 79      |                                      |       |       |       |       |        |                | .2      | .3       | .2      | .3                                 | .6      | 1.4     | 1.1     | .2      |         |        | 48       | 48       |           |        |                    |       |  |  |
| 78/ 77      |                                      |       |       |       |       |        | .3             | .2      | .3       | .3      | .4                                 | .5      | .2      | .1      |         |         |        | 25       | 25       |           |        |                    |       |  |  |
| 76/ 75      |                                      |       |       |       |       |        |                | .1      | .3       | .1      | .1                                 |         |         |         |         |         |        | 10       | 10       |           |        |                    |       |  |  |
| 74/ 73      |                                      |       |       |       |       |        |                | .1      | .2       |         |                                    |         |         |         |         |         |        | 6        | 6        |           |        |                    |       |  |  |
| 72/ 71      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        | 3        | 3        |           |        |                    |       |  |  |
| 70/ 69      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 10        |        |                    |       |  |  |
| 68/ 67      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 25        |        |                    |       |  |  |
| 66/ 65      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 83        |        |                    |       |  |  |
| 64/ 63      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 152       |        |                    |       |  |  |
| 62/ 61      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 183       |        |                    |       |  |  |
| 60/ 59      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 212       |        |                    |       |  |  |
| 58/ 57      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 238       |        |                    |       |  |  |
| 56/ 55      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 159       |        |                    |       |  |  |
| 54/ 53      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 69        |        |                    |       |  |  |
| 52/ 51      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 13        |        |                    |       |  |  |
| 50/ 49      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          | 1         |        |                    |       |  |  |
| 48/ 47      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |        |                    |       |  |  |
| 46/ 45      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |        |                    |       |  |  |
| 44/ 43      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |        |                    |       |  |  |
| 42/ 41      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |        |                    |       |  |  |
| 40/ 39      |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |        |                    |       |  |  |
| Element (X) | ΣX²                                  |       | ΣX    |       | X̄    |        | σ <sub>x</sub> |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |        |          |          |           |        |                    |       |  |  |
| Rel. Hum.   |                                      |       |       |       |       |        |                |         |          |         | ≤ 0 F                              |         | ≤ 32 F  |         | ≥ 67 F  |         | ≥ 73 F |          | ≥ 80 F   |           | ≥ 93 F |                    | Total |  |  |
| Dry Bulb    |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |        |                    |       |  |  |
| Wet Bulb    |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |        |                    |       |  |  |
| Dew Point   |                                      |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |          |          |           |        |                    |       |  |  |



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION NAME

49-54, 61-64, 71-73 YEARS

JUL  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUL  
MONTH

PAGE 1 1200-1400  
HOURS (L, S, T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          |          | TOTAL     |  | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|----------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|----------|-----------|----------|----------|-----------|--|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12        | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31     | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |       |  |  |
| 110/109      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         | .2       | 2         | 2        |          |           |  |       |  |  |
| 108/107      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         | 1.1      | 13        | 12       |          |           |  |       |  |  |
| 106/105      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         | 2.8      | 32        | 32       |          |           |  |       |  |  |
| 104/103      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         | .1 7.5   | 88        | 88       |          |           |  |       |  |  |
| 102/101      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         | .3 10.9  | 129       | 129      |          |           |  |       |  |  |
| 100/ 99      |                                     |       |       |       |       |        |                |         |          |         |                                    | .1      |         |         |         | .3      | 1.3 14.9 | 191       | 191      |          |           |  |       |  |  |
| 98/ 97       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         | .2      | 1.5     | 2.1     | 12.4     | 186       | 186      |          |           |  |       |  |  |
| 96/ 95       |                                     |       |       |       |       |        |                |         |          |         |                                    |         | .1      | .6      | 1.1     | 1.1     | 9.0      | 138       | 138      |          |           |  |       |  |  |
| 94/ 93       |                                     |       |       |       |       |        |                |         |          |         |                                    |         | .3      | .5      | .8      | 1.4     | 2.0      | 6.7       | 134      | 134      |           |  |       |  |  |
| 92/ 91       |                                     |       |       |       |       |        |                |         |          |         |                                    |         | .3      | .5      | .3      | 1.3     | 2.2      | 4.7       | 108      | 108      |           |  |       |  |  |
| 90/ 89       |                                     |       |       |       |       |        |                |         |          |         | .1                                 | .2      | .6      | .7      | 1.2     | 1.6     | 2.1      | 74        | 74       |          |           |  |       |  |  |
| 88/ 87       |                                     |       |       |       |       |        |                |         |          | .2      | .3                                 | .1      | .2      | .6      | .4      | .4      | .5       | 29        | 29       |          |           |  |       |  |  |
| 86/ 85       |                                     |       |       |       |       |        |                |         |          | .3      | .1                                 | .1      | .2      | .2      | .3      | .2      |          | 15        | 15       |          |           |  |       |  |  |
| 84/ 83       |                                     |       |       |       |       |        |                | .1      | .3       | .1      |                                    | .2      |         | .1      |         |         |          | 8         | 8        |          |           |  |       |  |  |
| 82/ 81       |                                     |       |       |       |       |        | .1             | .1      | .1       |         |                                    |         | .1      | .1      | .1      |         |          | 6         | 6        |          |           |  |       |  |  |
| 80/ 79       |                                     |       |       |       | .1    |        | .2             |         |          |         |                                    |         |         |         |         |         |          | 3         | 3        |          |           |  |       |  |  |
| 78/ 77       |                                     |       |       |       |       |        | .1             |         |          |         |                                    |         |         |         |         |         |          | 1         | 1        | 1        |           |  |       |  |  |
| 76/ 75       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 1        |           |  |       |  |  |
| 74/ 73       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 2        |           |  |       |  |  |
| 72/ 71       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 30       | 1         |  |       |  |  |
| 70/ 69       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 98       |           |  |       |  |  |
| 68/ 67       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 158      | 1         |  |       |  |  |
| 66/ 65       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 195      |           |  |       |  |  |
| 64/ 63       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 212      | 6         |  |       |  |  |
| 62/ 61       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 225      | 7         |  |       |  |  |
| 60/ 59       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 157      | 22        |  |       |  |  |
| 58/ 57       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 65       | 25        |  |       |  |  |
| 56/ 55       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          | 13       | 27        |  |       |  |  |
| 54/ 53       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          |          | 40        |  |       |  |  |
| 52/ 51       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          |          | 65        |  |       |  |  |
| 50/ 49       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          |          | 65        |  |       |  |  |
| 48/ 47       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          |          | 67        |  |       |  |  |
| 46/ 45       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          |          | 76        |  |       |  |  |
| 44/ 43       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          |          | 82        |  |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |       | Σ X   |       | X̄    |        | σ <sub>x</sub> |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |          |           |          |          |           |  | Total |  |  |
| Rel. Hum.    |                                     |       |       |       |       |        |                |         |          |         | ≤ 0 F                              |         | ≤ 32 F  |         | ≤ 67 F  |         | ≥ 73 F   |           | ≥ 80 F   |          | ≥ 93 F    |  | Total |  |  |
| Dry Bulb     |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          |          |           |  |       |  |  |
| Wet Bulb     |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          |          |           |  |       |  |  |
| Dew Point    |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |          |           |          |          |           |  |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

20  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]

U.S. SAFETY DATA SHEET 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

JUL  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------|-------|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 108/107      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | .9     | 10       | 10       |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 106/105      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | 1.6    | 18       | 18       |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 104/103      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | 3.0    | 34       | 34       |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 102/101      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | .1                                 | .3     | 6.4      | 79       | 79        |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 100/ 99      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | .1                                 | .5     | 9.6      | 117      | 117       |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 98/ 97       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | .5                                 | 1.0    | 2.2      | 10.4     | 163       | 163    |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 96/ 95       |                                     |     |     |     |     |      |       |       |       |                |       |       |          | .4    | .7    | 1.7                                | 3.3    | 9.6      | 181      | 181       |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |                |       | .2    | .6       | 1.1   | 1.7   | 2.7                                | 6.1    | 142      | 142      |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |                | .5    | .4    | 1.6      | 2.8   | 2.6   | 3.7                                | 133    | 133      |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       | .1             | .3    | .6    | 1.4      | 1.6   | 1.7   | 2.1                                | 1.9    | 111      | 111      |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       | .3             | .2    | .4    | 1.0      | 1.3   | 1.5   | 1.2                                | .6     | 74       | 74       |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       | .3             | .3    | .3    | .6       | 1.3   | .6    |                                    | .2     | 41       | 41       |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      | .1    | .1    | .5    | .1             | .3    | .4    | .4       | .7    |       |                                    |        | 31       | 31       |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       | .1    | .2    | .1             |       | .2    |          | .2    |       |                                    |        | 8        | 8        |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       | .1    | .1             | .1    |       |          |       |       |                                    |        | 3        | 3        |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 78/ 77       |                                     |     | .1  |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1        | 1        |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      | .1    |       |       |                |       |       |          |       |       |                                    |        | 1        | 1        |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 74/ 73       |                                     |     | .2  |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2        | 2        | 4         |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 32        | 1      |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 75        | 1      |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 161       | 1      |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 66/ 65       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 212       | 2      |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 213       | 4      |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 62/ 61       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 212       | 15     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 160       | 29     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 69        | 27     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 8         | 25     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          | 2         | 60     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 82     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 80     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 89     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 80     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 85     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           | 64     |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| Element (X)  | Σ x <sup>2</sup>                    |     |     | Σ x |     |      | x̄    |       |       | s <sub>x</sub> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F   | ≥ 73 F   | ≥ 80 F    | ≥ 93 F | Total |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |  |                    |       |  |  |



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION NAME

49-54, 61-64, 71-73

Jul  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
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# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

JUL  
MONTH

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| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           | TOTAL    | TOTAL    |           |  |  |  |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|----------|---------|------------------------------------|---------|---------|---------|--------|-----------|----------|----------|-----------|--|--|--|
|             | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20  | 21 - 22 | 23 - 24                            | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |
| 108/107     |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         | .1     | 1         | 1        |          |           |  |  |  |
| 102/101     |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         | .3     | 3         | 3        |          |           |  |  |  |
| 100/99      |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         | .1     | 3         | 4        |          |           |  |  |  |
| 98/97       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         | 1.0    | 11        | 11       |          |           |  |  |  |
| 96/95       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         | .2      | .4     | 1.0       | 18       | 18       |           |  |  |  |
| 94/93       |                                     |       |       |       |       |        |         |         |         |         |          |         | .1                                 | .3      | 1.0     | .8      | 2.5    | 54        | 54       |          |           |  |  |  |
| 92/91       |                                     |       |       |       |       |        |         |         |         |         |          | .1      | .7                                 | .9      | 1.2     | 1.0     | 1.8    | 66        | 66       |          |           |  |  |  |
| 90/89       |                                     |       |       |       |       |        |         |         |         |         | .1       | .8      | .9                                 | 1.9     | 2.1     | 2.2     | 1.6    | 109       | 109      |          |           |  |  |  |
| 88/87       |                                     |       |       |       |       |        |         |         |         |         | .5       | .9      | 2.1                                | 2.2     | 2.4     | 1.6     | 1.1    | 124       | 124      |          |           |  |  |  |
| 86/85       |                                     |       |       |       |       |        |         |         |         | .7      | 1.4      | 2.4     | 2.8                                | 2.5     | 2.2     | 1.5     | .3     | 159       | 159      |          |           |  |  |  |
| 84/83       |                                     |       |       |       |       |        |         |         | .1      | 1.1     | 1.4      | 2.5     | 2.9                                | 3.3     | 1.9     | .5      | .2     | 164       | 164      |          |           |  |  |  |
| 82/81       |                                     |       |       |       |       | .1     | .1      | .1      | .5      | .5      | 1.8      | 2.1     | 2.9                                | 3.2     | 1.0     | .3      | .1     | 149       | 149      |          |           |  |  |  |
| 80/79       |                                     |       |       |       |       |        | .1      | .3      | .6      | 1.3     | 1.4      | 1.6     | 2.1                                | 1.2     | .5      | .1      |        | 106       | 106      |          |           |  |  |  |
| 78/77       |                                     |       | .1    |       |       | .1     | .1      | .6      | .4      | .4      | 1.6      | 1.5     | 1.3                                | .3      |         |         |        | 75        | 75       |          |           |  |  |  |
| 76/75       |                                     |       | .1    |       | .1    |        | .2      | .2      | .3      | 1.0     | 1.7      | 1.6     | .3                                 |         |         |         |        | 63        | 63       |          |           |  |  |  |
| 74/73       |                                     |       |       |       |       |        |         | .2      | .4      | .7      | .8       | .1      | .2                                 |         |         |         |        | 27        | 27       |          | 3         |  |  |  |
| 72/71       |                                     |       |       |       | .3    | .2     |         | .2      | .5      | .4      | .2       |         |                                    |         |         |         |        | 20        | 20       |          | 2         |  |  |  |
| 70/69       |                                     |       |       |       |       |        |         | .2      |         |         |          |         |                                    |         |         |         |        | 2         | 2        |          | 12        |  |  |  |
| 68/67       |                                     |       |       |       | .1    |        |         |         |         |         |          |         |                                    |         |         |         |        | 2         | 2        |          | 57        |  |  |  |
| 66/65       |                                     |       |       |       |       |        |         | .1      |         |         |          |         |                                    |         |         |         |        |           |          |          | 103       |  |  |  |
| 64/63       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          | 164       |  |  |  |
| 62/61       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          | 185       |  |  |  |
| 60/59       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          | 205       |  |  |  |
| 58/57       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          | 207       |  |  |  |
| 56/55       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          | 141       |  |  |  |
| 54/53       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          | 66        |  |  |  |
| 52/51       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          | 13        |  |  |  |
| 50/49       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          | 1         |  |  |  |
| 48/47       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          |           |  |  |  |
| 46/45       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          |           |  |  |  |
| 44/43       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          |           |  |  |  |
| 42/41       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          |           |  |  |  |
| 40/39       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          |           |  |  |  |
| 38/37       |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          |           |  |  |  |
| Element (X) | Σ X <sup>2</sup>                    |       | Σ X   |       | Σ     |        | Σ       |         | Σ       |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |        |           |          |          |           |  |  |  |
| Rel. Hum.   |                                     |       |       |       |       |        |         |         |         |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F | ≥ 93 F    | Total    |          |           |  |  |  |
| Dry Bulb    |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          |           |  |  |  |
| Wet Bulb    |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          |           |  |  |  |
| Dew Point   |                                     |       |       |       |       |        |         |         |         |         |          |         |                                    |         |         |         |        |           |          |          |           |  |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

JUL  
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JUN 71



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49-54, 61-64, 71-73

\_\_\_\_ JUL \_\_\_\_  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

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11 JUN 71



## PSYCHROMETRIC SUMMARY

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MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

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DATA PROCESSING BRANCH  
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# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

AUG  
MONTH

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HOURS (L. S. Y.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          | TOTAL     | TOTAL |       |  |
|--------------|-------------------------------------|-------|------------|-------|-----------|--------|------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|--------|-----------|----------|----------|-----------|-------|-------|--|
|              | 0                                   | 1 - 2 | 3 - 4      | 5 - 6 | 7 - 8     | 9 - 10 | 11 - 12    | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31   | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |
| 86 / 85      |                                     |       |            |       |           |        |            |         |          |         | .1                                 | .2      | .2      |         | .2      |         |        |           | 2        | 2        |           |       |       |  |
| 84 / 83      |                                     |       |            |       |           |        |            |         |          |         | .2                                 | .2      | .2      | .2      | .2      |         |        |           | 9        | 9        |           |       |       |  |
| 82 / 81      |                                     |       |            |       |           |        |            |         | .4       | .2      | .2                                 | .2      | .2      | .2      | .2      |         |        |           | 19       | 19       |           |       |       |  |
| 80 / 79      |                                     |       |            |       |           |        |            | .4      | .8       | 1.7     | .8                                 | .7      | 1.0     | .2      | .1      |         |        |           | 69       | 69       |           |       |       |  |
| 78 / 77      |                                     |       |            |       |           |        | .2         | .2      | 1.0      | 1.2     | 1.2                                | 1.2     | 1.0     | .2      |         | .2      |        |           | 77       | 77       |           |       |       |  |
| 76 / 75      |                                     |       |            |       | .1        | .5     | .5         | 1.6     | 1.1      | 1.4     | .9                                 | 1.4     | .7      | .4      |         |         | .2     |           | 104      | 104      |           |       |       |  |
| 74 / 73      |                                     |       |            |       | .1        | .5     | .5         | .8      | 1.8      | .8      | 1.5                                | 2.1     | 1.3     |         |         |         |        |           | 114      | 114      |           |       |       |  |
| 72 / 71      |                                     |       |            | .2    | .2        | .5     | .5         | 1.6     | 1.9      | 2.1     | 2.6                                | .9      |         |         |         |         |        |           | 130      | 130      |           |       |       |  |
| 70 / 69      |                                     |       |            | .1    |           | .4     | .8         | 1.5     | 2.1      | 1.8     | 1.7                                | .4      | .1      |         |         |         |        |           | 108      | 108      |           |       |       |  |
| 68 / 67      |                                     |       |            | .1    | .1        | .9     | 1.5        | 2.2     | 2.7      | 3.2     | .9                                 | .3      |         |         |         |         |        |           | 143      | 143      | 5         |       |       |  |
| 66 / 65      |                                     |       |            | .5    | .5        | .7     | 2.0        | 2.8     | 2.0      | 1.4     | .5                                 |         |         |         |         |         |        |           | 125      | 125      | 28        |       |       |  |
| 64 / 63      |                                     |       | .1         | .2    | .7        | .7     | 1.4        | 2.1     | 1.2      | .9      | .1                                 |         |         |         |         |         |        |           | 89       | 89       | 33        | 3     |       |  |
| 62 / 61      |                                     |       |            | .3    | .7        | 1.0    | 2.0        | 1.0     | .7       | .3      |                                    |         |         |         |         |         |        |           | 73       | 73       | 70        | 7     |       |  |
| 60 / 59      |                                     |       | .1         | .5    | .7        | 1.2    | .7         | .8      | .1       |         |                                    |         |         |         |         |         |        |           | 49       | 49       | 86        | 11    |       |  |
| 58 / 57      |                                     |       | .3         | .9    | .3        | .8     | .9         | .3      | .1       |         |                                    |         |         |         |         |         |        |           | 45       | 45       | 128       | 28    |       |  |
| 56 / 55      |                                     |       | .2         | 1.0   | .3        | .2     | .2         |         |          |         |                                    |         |         |         |         |         |        |           | 24       | 24       | 134       | 22    |       |  |
| 54 / 53      |                                     |       | .4         | .2    | .1        | .3     | .1         |         |          |         |                                    |         |         |         |         |         |        |           | 13       | 13       | 195       | 46    |       |  |
| 52 / 51      |                                     |       | .3         |       | .1        | .2     |            |         |          |         |                                    |         |         |         |         |         |        |           | 7        | 7        | 219       | 49    |       |  |
| 50 / 49      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 159       | 66    |       |  |
| 48 / 47      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 92        | 114   |       |  |
| 46 / 45      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 40        | 99    |       |  |
| 44 / 43      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 10        | 81    |       |  |
| 42 / 41      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 3         | 90    |       |  |
| 40 / 39      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 112   |       |  |
| 38 / 37      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 78    |       |  |
| 36 / 35      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 101   |       |  |
| 34 / 33      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 87    |       |  |
| 32 / 31      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 64    |       |  |
| 30 / 29      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 39    |       |  |
| 28 / 27      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 30    |       |  |
| 26 / 25      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 23    |       |  |
| 24 / 23      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 21    |       |  |
| 22 / 21      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 12    |       |  |
| 20 / 19      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | 6     |       |  |
| Element (X)  | $\Sigma x^2$                        |       | $\Sigma x$ |       | $\bar{x}$ |        | $\sigma_x$ |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |        |           |          |          |           |       |       |  |
| Rel. Hum.    |                                     |       |            |       |           |        |            |         |          |         | ≤ 0 F                              |         | ≤ 32 F  |         | ≥ 67 F  |         | ≥ 73 F |           | ≥ 80 F   |          | ≥ 93 F    |       | Total |  |
| Dry Bulb     |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |
| Wet Bulb     |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |
| Dew Point    |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |

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## PSYCHROMETRIC SUMMARY

YEARS

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MONTH

0000-0200  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          | TOTAL    | TOTAL     |  |  |
|-------------|-------------------------------------|-------|------------|-------|-----------|--------|------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|-----------|----------|----------|-----------|--|--|
|             | 0                                   | 1 - 2 | 3 - 4      | 5 - 6 | 7 - 8     | 9 - 10 | 11 - 12    | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |
| 84/ 83      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         | .2      |         |         |       | 2         | 2        |          |           |  |  |
| 82/ 81      |                                     |       |            |       |           |        |            |         |          | .1      |                                    |         |         | .1      | .2      | .2      |       | 6         | 6        |          |           |  |  |
| 80/ 79      |                                     |       |            |       |           |        |            | .1      | .3       | .2      | .4                                 | .3      |         | .2      |         |         |       | 18        | 18       |          |           |  |  |
| 78/ 77      |                                     |       |            |       |           |        | .1         | .3      | .3       | .8      | .5                                 | .5      | .2      |         |         |         |       | 31        | 31       |          |           |  |  |
| 76/ 75      |                                     |       |            |       |           | .3     | .5         | .7      | .6       | .4      | .6                                 | .5      |         | .1      |         |         |       | 43        | 43       |          |           |  |  |
| 74/ 73      |                                     |       |            |       | .2        | .7     | .7         | 1.3     | .8       | .9      | .8                                 | .4      | .2      | .1      | .1      |         |       | 72        | 72       |          |           |  |  |
| 72/ 71      |                                     |       | .1         | .1    | .3        | 1.0    | .7         | 1.8     | 1.2      | 1.4     | 1.3                                | .4      | .1      |         |         |         |       | 99        | 99       |          |           |  |  |
| 70/ 69      |                                     |       |            | .4    | .3        | 1.5    | 1.8        | 1.7     | 1.7      | 1.4     | .5                                 |         |         |         |         |         |       | 111       | 111      |          |           |  |  |
| 68/ 67      |                                     |       |            | .2    | .5        | .8     | 2.3        | 2.0     | 2.3      | 1.5     | .6                                 | .2      | .1      |         |         |         |       | 126       | 126      | 2        |           |  |  |
| 66/ 65      |                                     |       |            | .1    | .5        | 1.0    | 1.3        | 2.4     | 1.9      | .8      | .3                                 | .1      |         |         |         |         |       | 100       | 100      | 9        | 1         |  |  |
| 64/ 63      |                                     |       | .3         | .5    | .3        | 1.1    | 2.9        | 2.7     | 1.5      | .4      | .3                                 |         |         |         |         |         |       | 118       | 118      | 32       | 1         |  |  |
| 62/ 61      |                                     |       | .3         | .7    | .8        | 2.0    | 2.2        | 2.1     | 1.6      |         |                                    |         |         |         |         |         |       | 114       | 114      | 47       | 7         |  |  |
| 60/ 59      |                                     |       | .3         | .8    | .8        | 2.3    | 2.5        | 2.3     | .5       | .1      |                                    |         |         |         |         |         |       | 113       | 113      | 61       | 13        |  |  |
| 58/ 57      |                                     | .1    | .3         | 1.3   | 1.0       | 1.6    | 1.6        | .4      |          |         |                                    |         |         |         |         |         |       | 74        | 74       | 112      | 19        |  |  |
| 56/ 55      |                                     |       | .6         | .9    | .8        | 1.4    | 1.6        | .5      |          |         |                                    |         |         |         |         |         |       | 69        | 69       | 112      | 30        |  |  |
| 54/ 53      |                                     |       | .8         | .7    | .9        | .8     | .7         | .1      |          |         |                                    |         |         |         |         |         |       | 48        | 48       | 135      | 41        |  |  |
| 52/ 51      |                                     | .3    | .6         | .4    | .6        | .3     | .3         |         |          |         |                                    |         |         |         |         |         |       | 28        | 28       | 210      | 39        |  |  |
| 50/ 49      |                                     | .2    | .5         | .1    | .3        | .2     |            |         |          |         |                                    |         |         |         |         |         |       | 15        | 15       | 161      | 74        |  |  |
| 48/ 47      |                                     |       |            | .3    | .2        |        |            |         |          |         |                                    |         |         |         |         |         |       | 6         | 6        | 133      | 105       |  |  |
| 46/ 45      |                                     |       |            | .1    | .1        |        |            |         |          |         |                                    |         |         |         |         |         |       | 2         | 2        | 115      | 97        |  |  |
| 44/ 43      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          | 37       | 98        |  |  |
| 42/ 41      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          | 25       | 107       |  |  |
| 40/ 39      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          | 4        | 98        |  |  |
| 38/ 37      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 94        |  |  |
| 36/ 35      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 96        |  |  |
| 34/ 33      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 93        |  |  |
| 32/ 31      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 60        |  |  |
| 30/ 29      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 46        |  |  |
| 28/ 27      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 25        |  |  |
| 26/ 25      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 22        |  |  |
| 24/ 23      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 12        |  |  |
| 22/ 21      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 10        |  |  |
| 20/ 19      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 1         |  |  |
| 18/ 17      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 1         |  |  |
| Element (X) | $\Sigma X^2$                        |       | $\Sigma X$ |       | $\bar{X}$ |        | $\sigma_x$ |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |       |           |          |          |           |  |  |
| Rel. Hum.   |                                     |       |            |       |           |        |            |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F  | Total |           |          |          |           |  |  |
| Dry Bulb    |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |  |  |
| Wet Bulb    |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |  |  |
| Dew Point   |                                     |       |            |       |           |        |            |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |  |  |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

YEARS

AUG  
MONTH

0300-0500

HOURS (L S, T.)

[illegible]



1

◆ ◆ ◆

AUG

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

|              |                           |
|--------------|---------------------------|
| <u>23182</u> | <u>PALMDALE APT CALIF</u> |
| STATION      | STATION NAME              |

49-54, 61-64, 71-73

YEARS

AUG  
MONTH

PAGE 2

0600-0800  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

AUG  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|----------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12        | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |  |
| 106/105      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         | .1     | 1         | 1        |          |           |       |       |  |  |
| 104/103      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         | .2     | 3         | 3        |          |           |       |       |  |  |
| 102/101      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         | .8     | 10        | 10       |          |           |       |       |  |  |
| 100/ 99      |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         | .2     | 24        | 24       |          |           |       |       |  |  |
| 98/ 97       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         | .2      | .4      | 3.7    | 52        | 52       |          |           |       |       |  |  |
| 96/ 95       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         | .2      | .3      | 1.2     | 4.4    | 73        | 73       |          |           |       |       |  |  |
| 94/ 93       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         | 1.2     | 1.2     | 1.9     | 5.0    | 113       | 113      |          |           |       |       |  |  |
| 92/ 91       |                                     |       |       |       |       |        |                |         |          |         |                                    | .1      | .2      | .8      | 2.9     | 3.1     | 4.3    | 138       | 138      |          |           |       |       |  |  |
| 90/ 89       |                                     |       |       |       |       |        |                |         |          | .1      | .5                                 | 1.4     | 2.4     | 1.7     | 4.0     | 3.4     | 163    | 163       |          |          |           |       |       |  |  |
| 88/ 87       |                                     |       |       |       |       |        |                |         | .2       | .5      | .6                                 | 1.5     | 1.4     | 2.6     | 2.0     | 1.7     | 127    | 127       |          |          |           |       |       |  |  |
| 86/ 85       |                                     |       |       |       |       |        |                |         | .1       | .3      | .9                                 | 1.1     | 1.6     | 2.2     | 3.0     | 1.7     | .4     | 136       | 136      |          |           |       |       |  |  |
| 84/ 83       |                                     |       |       |       |       |        |                |         | .2       | .2      | .6                                 | .8      | 1.8     | 2.6     | 1.2     | .5      | .2     | 98        | 98       |          |           |       |       |  |  |
| 82/ 81       |                                     |       |       |       |       |        |                | .2      | .2       | .3      | .7                                 | 1.6     | 1.7     | 1.6     | .7      | .1      |        | 84        | 84       |          |           |       |       |  |  |
| 80/ 79       |                                     |       |       |       |       |        | .1             |         |          | .4      | .9                                 | 1.2     | 1.5     | .5      | .2      |         |        | 58        | 58       |          |           |       |       |  |  |
| 78/ 77       |                                     |       |       |       |       |        | .2             | .2      | .5       | 1.0     | 1.1                                | .4      | .1      |         |         |         |        | 43        | 43       |          |           |       |       |  |  |
| 76/ 75       |                                     |       |       |       |       | .1     | .1             | .2      | .2       | .8      | .6                                 | .3      | .1      |         |         |         |        | 29        | 29       |          |           |       |       |  |  |
| 74/ 73       |                                     |       |       |       |       |        | .2             | .2      | .5       | .4      | .1                                 |         |         |         |         |         |        | 17        | 17       |          |           |       |       |  |  |
| 72/ 71       |                                     |       |       |       |       | .1     | .1             | .2      | .3       | .2      | .2                                 |         |         |         |         |         |        | 12        | 12       |          | 2         |       |       |  |  |
| 70/ 69       |                                     |       |       | .1    |       | .1     | .2             | .3      | .2       |         |                                    |         |         |         |         |         |        | 11        | 11       |          | 18        |       |       |  |  |
| 68/ 67       |                                     |       |       |       |       | .2     | .2             | .1      |          |         |                                    |         |         |         |         |         |        | 5         | 5        |          | 70        |       |       |  |  |
| 66/ 65       |                                     |       |       |       |       | .1     | .1             |         |          |         |                                    |         |         |         |         |         |        | 2         | 2        |          | 134       |       |       |  |  |
| 64/ 63       |                                     |       |       |       |       |        | .1             |         |          |         |                                    |         |         |         |         |         |        | 1         | 1        |          | 183       |       |       |  |  |
| 62/ 61       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 194       |       |       |  |  |
| 60/ 59       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 239       |       |       |  |  |
| 58/ 57       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 200       |       |       |  |  |
| 56/ 55       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 115       |       |       |  |  |
| 54/ 53       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 41        |       |       |  |  |
| 52/ 51       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 4         |       |       |  |  |
| 50/ 49       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |  |
| 48/ 47       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |  |
| 46/ 45       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |  |
| 44/ 43       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |  |
| 42/ 41       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |  |
| 40/ 39       |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |       | Σ X   |       | X̄    |        | σ <sub>x</sub> |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |        |           |          |          | Total     |       |       |  |  |
| Rel. Hum.    |                                     |       |       |       |       |        |                |         |          |         | ≤ 0 F                              |         | ≤ 32 F  |         | ≥ 67 F  |         | ≥ 73 F |           | ≥ 80 F   |          | ≥ 93 F    |       | Total |  |  |
| Dry Bulb     |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |  |
| Wet Bulb     |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |  |
| Dew Point    |                                     |       |       |       |       |        |                |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NA

49-54, 61-64, 71-73

AUG  
MONTH

PAGE 2

C900-1100  
HOURS (L. S. Y.)

[illegible]



## PSYCHROMETRIC SUMMARY

Aug  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          | TOTAL     |        | TOTAL |  |        |  |  |        |  |  |       |  |  |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|------|-----------|----------|----------|-----------|--------|-------|--|--------|--|--|--------|--|--|-------|--|--|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |        |       |  |        |  |  |        |  |  |       |  |  |
| 108/107     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | .8   | 10        | 10       |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 106/105     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | 1.4  | 17        | 17       |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 104/103     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | 3.5  | 42        | 42       |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 102/101     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | .4   | 6.7       | 85       |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 100/99      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       | .1    | .6                                 | 11.6 | 147       | 147      |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 98/97       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       | .6    | 1.6                                | 13.5 | 188       | 188      |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 96/95       |                                     |     |     |     |     |      |       |       |       |                |       |       |          | .5    | 1.2   | 1.8                                | 9.9  | 160       | 160      |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 94/93       |                                     |     |     |     |     |      |       |       |       |                |       |       | .1       | .7    | 1.6   | 2.1                                | 7.4  | 142       | 142      |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 92/91       |                                     |     |     |     |     |      |       |       |       |                |       | .3    | .6       | .5    | 1.3   | 1.8                                | 5.2  | 117       | 117      |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 90/89       |                                     |     |     |     |     |      |       |       |       |                | .1    | .5    | .4       | .6    | 1.0   | 1.6                                | 3.1  | 87        | 87       |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 88/87       |                                     |     |     |     |     |      |       |       | .1    | .1             | .3    | .3    | .3       | 1.2   | 2.4   | .8                                 | .8   | 73        | 73       |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 86/85       |                                     |     |     |     |     |      |       |       | .2    | .3             | .1    | .3    | .4       | .9    | 1.0   | .3                                 |      | 40        | 40       |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 84/83       |                                     |     |     |     |     |      |       | .1    | .2    | .1             | .5    | 1.1   | .7       | .4    | .1    |                                    |      | 37        | 37       |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 82/81       |                                     |     |     |     |     |      |       | .1    | .3    | .2             | .3    | .3    | .1       |       |       |                                    |      | 15        | 15       |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 80/79       |                                     |     |     |     |     | .1   | .1    | .1    |       | .2             | .4    | .3    | .2       |       |       |                                    |      | 15        | 15       |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 78/77       |                                     |     |     |     |     |      |       |       |       | .2             | .1    |       |          |       |       |                                    |      | 3         | 3        |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 76/75       |                                     |     |     |     | .1  |      |       | .1    | .4    |                |       |       |          |       |       |                                    |      | 7         | 7        |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 74/73       |                                     |     |     |     |     |      |       | .2    | .3    | .1             |       |       |          |       |       |                                    |      | 7         | 7        |          | 1         |        |       |  |        |  |  |        |  |  |       |  |  |
| 72/71       |                                     |     |     | .1  |     |      |       | .2    | .1    |                |       |       |          |       |       |                                    |      | 4         | 4        |          | 19        |        |       |  |        |  |  |        |  |  |       |  |  |
| 70/69       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          | 64        |        |       |  |        |  |  |        |  |  |       |  |  |
| 68/67       |                                     |     |     |     |     |      | .1    |       |       |                |       |       |          |       |       |                                    |      | 1         | 1        |          | 128       |        |       |  |        |  |  |        |  |  |       |  |  |
| 66/65       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          | 201       |        |       |  |        |  |  |        |  |  |       |  |  |
| 64/63       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          | 207       |        |       |  |        |  |  |        |  |  |       |  |  |
| 62/61       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          | 214       |        |       |  |        |  |  |        |  |  |       |  |  |
| 60/59       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          | 205       |        |       |  |        |  |  |        |  |  |       |  |  |
| 58/57       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          | 124       |        |       |  |        |  |  |        |  |  |       |  |  |
| 56/55       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          | 31        |        |       |  |        |  |  |        |  |  |       |  |  |
| 54/53       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          | 3         |        |       |  |        |  |  |        |  |  |       |  |  |
| 52/51       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 50/49       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 48/47       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 46/45       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 44/43       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| 42/41       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| Element (X) | ΣX <sup>2</sup>                     |     |     | ΣX  |     |      | X̄    |       |       | s <sub>x</sub> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |      |           |          |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| Rel. Hum.   |                                     |     |     |     |     |      |       |       |       |                |       |       | ≤ 0 F    |       |       | ≤ 32 F                             |      |           | ≥ 67 F   |          |           | ≥ 73 F |       |  | ≥ 80 F |  |  | ≥ 93 F |  |  | Total |  |  |
| Dry Bulb    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| Wet Bulb    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          |           |        |       |  |        |  |  |        |  |  |       |  |  |
| Dew Point   |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |           |          |          |           |        |       |  |        |  |  |        |  |  |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

|              |                           |
|--------------|---------------------------|
| <u>23182</u> | <u>PALMDALE APT CALIF</u> |
| STATION      | STATION NAME              |

49-54, 61-64, 71-73

ALG

PAGE 2

1200-1400  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

22162 PALMDALE APT CALIF  
STATION STATION NAME

49-54,61-64,71-73  
YEARS

AUG  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | TOTAL     |          | TOTAL    |           |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 108/107      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .3   | 3         | 3        |          |           |  |
| 106/105      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .7   | 8         | 8        |          |           |  |
| 104/103      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | 2.5  | 30        | 30       |          |           |  |
| 102/101      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       | .1   | 3.7       | 45       | 45       |           |  |
| 100/ 99      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       | .4    | .8    | 6.8  | 96        | 96       |          |           |  |
| 98/ 97       |                                     |     |     |     |     |      |       |       |       |       |       |       |       | .1    | .5    | 1.9   | 8.7  | 133       | 133      |          |           |  |
| 96/ 95       |                                     |     |     |     |     |      |       |       |       |       |       |       |       | .6    | 1.6   | 2.4   | 9.0  | 161       | 161      |          |           |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |       |       |       | .5    | 1.1   | 2.7   | 2.4   | 6.5  | 157       | 157      |          |           |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |       |       | .1    | .7    | 1.8   | 1.4   | 2.6   | 5.1  | 139       | 139      |          |           |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       | .1    | .2    | .3    | .3    | 1.1   | 1.3   | 2.0   | 2.4   | 2.7  | 122       | 122      |          |           |  |
| 88/ 87       |                                     |     |     |     |     | .1   |       |       | .3    | .3    | .2    | .4    | 1.2   | 1.9   | 1.7   | 1.4   | .7   | 92        | 92       |          |           |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       | .3    | .3    | .3    | .3    | .8    | 1.0   | 1.3   | .5    | .1   | 55        | 55       |          |           |  |
| 84/ 83       |                                     |     |     |     |     |      | .1    | .1    | .5    | .2    | .2    | .8    | 1.4   | .8    | .3    | .2    |      | 54        | 54       |          |           |  |
| 82/ 81       |                                     |     |     |     |     | .1   | .1    | .3    | .1    | .2    | .3    | .9    | .2    | .4    |       |       |      | 31        | 31       |          |           |  |
| 80/ 79       |                                     |     |     |     |     |      | .1    |       | .1    | .3    | .3    | 1.2   | .3    | .1    |       |       |      | 26        | 26       |          |           |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       | .1    | .3    | .4    | .1    |       |       |       |       |      | 10        | 10       | 1        |           |  |
| 76/ 75       |                                     |     |     |     |     |      | .1    |       | .1    | .2    | .3    |       |       |       |       |       |      | 7         | 7        | 1        |           |  |
| 74/ 73       |                                     |     |     |     |     |      |       | .1    | .3    | .3    |       |       |       |       |       |       |      | 9         | 9        | 1        | 1         |  |
| 72/ 71       |                                     |     |     |     |     |      | .1    | .1    | .1    |       |       |       |       |       |       |       |      | 3         | 3        | 23       |           |  |
| 70/ 69       |                                     |     |     |     |     |      | .1    | .2    | .1    |       |       |       |       |       |       |       |      | 4         | 4        | 66       | 1         |  |
| 68/ 67       |                                     |     |     |     |     |      |       | .2    |       |       |       |       |       |       |       |       |      | 2         | 2        | 129      | 2         |  |
| 66/ 65       |                                     |     |     |     |     |      | .2    |       |       |       |       |       |       |       |       |       |      | 2         | 2        | 189      | 3         |  |
| 64/ 63       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 197      | 6         |  |
| 62/ 61       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 227      | 9         |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 195      | 16        |  |
| 58/ 57       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 117      | 15        |  |
| 56/ 55       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 36       | 33        |  |
| 54/ 53       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 7        | 64        |  |
| 52/ 51       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 82        |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 85        |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 95        |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 96        |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 97        |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 97        |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ     |       | Σ    |           | Σ        |          | Σ         |  |
| Rel Hum.     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

ALG  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

AUG  
MONTH

PAGE 1 1300-2000  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

ALG  
MONTH

PAGE 2      1800-2000  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

49-54,61-64,71-73  
YEARS

AUG  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12      | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | Dry Bulb | Wet Bulb | Dew Point |                    |       |  |  |
| 90/ 89       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        | .1     |        |       | 1        | 1        |           |                    |       |  |  |
| 88/ 87       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        | .1     | .1     | .1     | .1    | 4        | 4        |           |                    |       |  |  |
| 86/ 85       |                                     |     |            |     |           |      |            |       |          |       | .3                                 | .3     | .1     | .4     | .3     | .2     |       | 18       | 18       |           |                    |       |  |  |
| 84/ 83       |                                     |     |            |     |           |      |            |       | .1       | .6    | 1.1                                | .9     | .4     | .8     | .2     | .2     |       | 51       | 51       |           |                    |       |  |  |
| 82/ 81       |                                     |     |            |     |           |      |            | .1    | .4       | 1.4   | 1.4                                | 1.3    | 1.4    | 1.3    | .1     | .1     |       | 90       | 91       |           |                    |       |  |  |
| 80/ 79       |                                     |     |            |     |           |      | .2         | .6    | 1.6      | 2.0   | 1.9                                | 1.9    | 1.7    | .8     | .3     |        |       | 131      | 131      |           |                    |       |  |  |
| 78/ 77       |                                     |     |            |     |           | .3   | .3         | .5    | 1.1      | 2.4   | 1.9                                | 1.8    | 1.9    | .8     | .2     | .1     |       | 132      | 132      |           |                    |       |  |  |
| 76/ 75       |                                     |     |            |     | .2        | .2   | .3         | 1.3   | 1.3      | 1.8   | 2.4                                | 2.7    | 1.9    | .5     |        |        |       | 149      | 149      |           |                    |       |  |  |
| 74/ 73       |                                     |     |            |     | .1        | .3   | .5         | .8    | 1.2      | 3.5   | 2.3                                | 2.3    | .8     | .1     |        |        |       | 138      | 138      |           |                    |       |  |  |
| 72/ 71       |                                     |     |            | .1  | .1        | .2   | .3         | .8    | 1.9      | 2.4   | 1.5                                | 1.6    | .2     |        |        |        |       | 107      | 107      |           |                    |       |  |  |
| 70/ 69       |                                     |     |            |     | .2        | .4   | .3         | 1.9   | 2.6      | 1.9   | 1.7                                | .6     |        |        |        |        |       | 113      | 113      |           | 1                  |       |  |  |
| 68/ 67       |                                     |     |            | .2  | .3        | .6   | .6         | 1.7   | 2.4      | 1.3   | .6                                 | .2     |        |        |        |        |       | 91       | 91       |           | 12                 |       |  |  |
| 66/ 65       |                                     |     |            | .2  | .2        | .4   | 1.3        | 1.5   | 1.1      | .3    | .1                                 |        |        |        |        |        |       | 60       | 60       |           | 36                 |       |  |  |
| 64/ 63       |                                     |     |            |     | .3        | .8   | .8         | .8    | .6       | .2    |                                    |        |        |        |        |        |       | 42       | 42       |           | 92                 |       |  |  |
| 62/ 61       |                                     |     |            | .2  | .6        | .8   | .4         | .3    |          |       |                                    |        |        |        |        |        |       | 27       | 27       |           | 81                 |       |  |  |
| 60/ 59       |                                     |     |            | .4  | .6        | .1   | .4         | .2    |          |       |                                    |        |        |        |        |        |       | 20       | 20       |           | 114                |       |  |  |
| 58/ 57       |                                     |     | .1         | .5  | .3        | .1   | .1         |       |          |       |                                    |        |        |        |        |        |       | 12       | 12       |           | 157                |       |  |  |
| 56/ 55       |                                     |     |            |     | .1        |      |            |       |          |       |                                    |        |        |        |        |        |       | 1        | 1        |           | 199                |       |  |  |
| 54/ 53       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           | 218                |       |  |  |
| 52/ 51       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           | 164                |       |  |  |
| 50/ 49       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           | 82                 |       |  |  |
| 48/ 47       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           | 27                 |       |  |  |
| 46/ 45       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           | 4                  |       |  |  |
| 44/ 43       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| 42/ 41       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| 40/ 39       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| 38/ 37       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| 36/ 35       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| 34/ 33       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| 32/ 31       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| 30/ 29       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| 28/ 27       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| 26/ 25       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| 24/ 23       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| Element (X)  | $\Sigma x^2$                        |     | $\Sigma x$ |     | $\bar{x}$ |      | $\sigma_x$ |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| Rel. Hum.    |                                     |     |            |     |           |      |            |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |          |          |           |                    |       |  |  |
| Dry Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| Wet Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |
| Dew Point    |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |          |          |           |                    |       |  |  |



## PSYCHROMETRIC SUMMARY

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[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,72  
YEARS

SEP  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             | TOTAL    | TOTAL       |  |       |
|-------------|-------------------------------------|-------|------------|-------|-----------|--------|------------|---------|----------|---------|------------------------------------|---------|-------------|---------|-------------|---------|-------------|-----------|-------------|----------|-------------|--|-------|
|             | 0                                   | 1 - 2 | 3 - 4      | 5 - 6 | 7 - 8     | 9 - 10 | 11 - 12    | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24     | 25 - 26 | 27 - 28     | 29 - 30 | * 31        | D.B./W.B. | Dry Bulb    | Wet Bulb | Dew Point   |  |       |
| 84/ 83      |                                     |       |            |       |           |        |            |         |          |         |                                    |         | .1          | .1      | .1          |         |             | 3         | 3           |          |             |  |       |
| 82/ 81      |                                     |       |            |       |           |        |            |         |          | .1      |                                    |         |             |         |             |         |             | 1         | 1           |          |             |  |       |
| 80/ 79      |                                     |       |            |       |           |        |            |         |          | .1      | .3                                 | .1      |             |         | .1          |         |             | 6         | 6           |          |             |  |       |
| 78/ 77      |                                     |       |            |       |           |        |            | .1      | .3       |         | .3                                 | .3      |             |         | .1          |         |             | 12        | 12          |          |             |  |       |
| 76/ 75      |                                     |       |            |       |           |        | .1         | .1      | .1       | .4      | .5                                 | .5      | .2          |         |             |         |             | 20        | 20          |          |             |  |       |
| 74/ 73      |                                     |       |            |       |           |        | .3         | .2      | .4       | .5      | .9                                 | .6      | .1          | .2      |             |         |             | 32        | 32          |          |             |  |       |
| 72/ 71      |                                     |       |            |       |           |        | .3         | .5      | 1.1      | 1.2     | .5                                 | .6      | .2          |         |             |         |             | 44        | 44          |          |             |  |       |
| 70/ 69      |                                     |       |            |       |           | .5     | .8         | 1.3     | 1.7      | 1.3     | 1.6                                | .3      |             |         |             |         |             | 75        | 75          |          |             |  |       |
| 68/ 67      |                                     |       |            | .3    | .5        | .5     | .6         | 2.0     | 2.8      | 2.3     | .6                                 |         |             |         |             |         |             | 98        | 98          |          |             |  |       |
| 66/ 65      |                                     |       | .1         | .8    | .1        | .5     | 1.3        | 2.6     | 1.9      | 1.0     | .4                                 |         |             | .1      | .1          |         |             | 87        | 87          |          |             |  |       |
| 64/ 63      |                                     | .3    | .2         | .7    | .2        | 1.2    | 1.1        | 2.6     | .9       | .3      | .3                                 |         |             |         |             |         |             | 78        | 78          | 6        |             |  |       |
| 62/ 61      | .2                                  | .2    | .8         | 1.0   | .8        | 1.8    | 1.6        | 2.0     | 1.8      | .6      |                                    |         |             |         |             |         |             | 108       | 108         | 19       | 6           |  |       |
| 60/ 59      |                                     | .6    | .8         | .7    | 2.8       | 2.3    | 1.6        | 1.7     | 1.3      | .1      |                                    |         |             |         |             |         |             | 119       | 119         | 44       | 3           |  |       |
| 58/ 57      |                                     | .2    | 1.0        | 1.2   | 1.4       | 1.6    | 2.1        | 1.1     | .9       | .1      |                                    |         |             |         |             |         |             | 96        | 96          | 32       | 23          |  |       |
| 56/ 55      |                                     | .2    | .6         | 1.0   | 1.5       | .8     | 1.9        | .7      | .1       |         |                                    |         |             |         |             |         |             | 68        | 68          | 87       | 14          |  |       |
| 54/ 53      |                                     |       | .5         | .6    | 1.0       | 1.4    | 1.0        | 1.0     |          |         |                                    |         |             |         |             |         |             | 55        | 55          | 120      | 32          |  |       |
| 52/ 51      |                                     |       | .3         | .3    | .7        | 1.1    | .9         | .3      |          |         |                                    |         |             |         |             |         |             | 36        | 36          | 162      | 36          |  |       |
| 50/ 49      |                                     |       | .2         | 1.1   | 1.0       | .3     | .4         |         |          |         |                                    |         |             |         |             |         |             | 30        | 30          | 157      | 23          |  |       |
| 48/ 47      |                                     |       | .1         | .3    | .5        | .4     |            |         |          |         |                                    |         |             |         |             |         |             | 13        | 13          | 87       | 66          |  |       |
| 46/ 45      |                                     |       |            | .1    | .3        |        |            |         |          |         |                                    |         |             |         |             |         |             | 4         | 4           | 94       | 72          |  |       |
| 44/ 43      |                                     |       | .1         |       | .1        |        |            |         |          |         |                                    |         |             |         |             |         |             | 2         | 2           | 74       | 76          |  |       |
| 42/ 41      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             | 51       | 80          |  |       |
| 40/ 39      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             | 23       | 89          |  |       |
| 38/ 37      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             | 11       | 77          |  |       |
| 36/ 35      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          | 62          |  |       |
| 34/ 33      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          | 61          |  |       |
| 32/ 31      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          | 73          |  |       |
| 30/ 29      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          | 59          |  |       |
| 28/ 27      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          | 40          |  |       |
| 26/ 25      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          | 30          |  |       |
| 24/ 23      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          | 14          |  |       |
| 22/ 21      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          | 14          |  |       |
| 20/ 19      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          | 19          |  |       |
| 18/ 17      |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          | 9           |  |       |
| Element (X) | $\Sigma X^2$                        |       | $\Sigma X$ |       | $\bar{X}$ |        | $\sigma_x$ |         | No. Obs. |         | Mean No. of Hours with Temperature |         |             |         |             |         |             |           |             |          |             |  |       |
| Rel. Hum.   |                                     |       |            |       |           |        |            |         |          |         | $\leq 0 F$                         |         | $\leq 32 F$ |         | $\leq 67 F$ |         | $\leq 73 F$ |           | $\leq 80 F$ |          | $\leq 93 F$ |  | Total |
| Dry Bulb    |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          |             |  |       |
| Wet Bulb    |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          |             |  |       |
| Daw Point   |                                     |       |            |       |           |        |            |         |          |         |                                    |         |             |         |             |         |             |           |             |          |             |  |       |

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

SEP  
MONTH

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182

PALMDALE APT CALIF

49-54,61-64,72

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500  
HOURS (L S. Y.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          | TOTAL    | TOTAL     |  |  |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|--|
|              | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12      | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |
| 80/ 79       |                                     |     |            |     |           |      |            |       |          |       | .1                                 | .1     | .1     |        |        |        |       | 3         | 3        |          |           |  |  |
| 78/ 77       |                                     |     |            |     |           |      |            |       |          | .1    |                                    | .2     | .1     |        |        |        |       | 4         | 4        |          |           |  |  |
| 76/ 75       |                                     |     |            |     |           |      | .3         | .2    | .1       | .5    | .2                                 | .2     |        | .1     |        |        |       | 16        | 16       |          |           |  |  |
| 74/ 73       |                                     |     |            |     |           |      | .2         | .1    | .2       | .2    | .1                                 |        |        |        |        |        |       | 8         | 8        |          |           |  |  |
| 72/ 71       |                                     |     |            |     |           |      | .2         | .2    | .7       | .9    | .3                                 | .2     | .1     |        |        |        |       | 26        | 26       |          |           |  |  |
| 70/ 69       |                                     |     |            |     |           | .2   | .2         | .1    | 1.1      | .9    | .3                                 | .4     |        |        |        |        |       | 32        | 32       |          |           |  |  |
| 68/ 67       |                                     |     |            |     | .5        |      |            | 1.0   | 1.0      | .9    | .2                                 | .1     |        |        |        |        |       | 37        | 37       |          |           |  |  |
| 66/ 65       |                                     |     | .1         | .1  | .6        | .5   | 1.7        | 1.4   | 1.0      | .5    |                                    |        |        |        |        |        |       | 59        | 59       |          |           |  |  |
| 64/ 63       |                                     | .3  | .4         | .3  | .5        | 1.3  | 1.8        | 2.3   | 1.6      | .4    |                                    |        |        |        |        |        |       | 89        | 89       | 3        |           |  |  |
| 62/ 61       | .2                                  | .2  | .3         | .6  | 1.0       | 1.1  | 2.0        | 1.9   | .7       | .1    | .1                                 |        |        |        |        |        |       | 82        | 82       | 12       | 3         |  |  |
| 60/ 59       |                                     | .9  | 1.1        | 1.0 | 1.4       | 1.9  | 2.2        | 2.3   | 1.2      | .2    |                                    |        |        |        |        |        |       | 122       | 122      | 24       | 5         |  |  |
| 58/ 57       | .1                                  | .1  | .7         | 1.6 | 1.3       | 2.4  | 2.2        | 1.3   | .2       |       |                                    |        |        |        |        |        |       | 99        | 99       | 37       | 15        |  |  |
| 56/ 55       |                                     | 1.3 | 1.6        | 2.0 | 1.3       | 1.9  | 2.8        | .8    | .4       |       |                                    |        |        |        |        |        |       | 121       | 121      | 53       | 19        |  |  |
| 54/ 53       |                                     | .1  | 1.2        | 1.1 | 1.9       | 1.3  | 1.1        | 1.3   |          |       |                                    |        |        |        |        |        |       | 80        | 80       | 107      | 23        |  |  |
| 52/ 51       |                                     |     | .7         | 1.4 | 1.0       | 2.1  | 1.4        | .3    |          |       |                                    |        |        |        |        |        |       | 69        | 69       | 120      | 35        |  |  |
| 50/ 49       |                                     |     | .3         | 1.1 | 1.3       | 1.8  | .7         |       |          |       |                                    |        |        |        |        |        |       | 54        | 54       | 138      | 27        |  |  |
| 48/ 47       |                                     |     | .1         | .5  | 1.0       | 1.3  | .3         | .1    |          |       |                                    |        |        |        |        |        |       | 33        | 33       | 111      | 60        |  |  |
| 46/ 45       |                                     | .2  | .6         | .6  | 1.3       | .5   | .1         |       |          |       |                                    |        |        |        |        |        |       | 33        | 33       | 117      | 71        |  |  |
| 44/ 43       |                                     |     | .6         | .4  | .3        |      |            |       |          |       |                                    |        |        |        |        |        |       | 13        | 13       | 74       | 64        |  |  |
| 42/ 41       |                                     | .1  | .1         | .1  | .3        |      |            |       |          |       |                                    |        |        |        |        |        |       | 6         | 6        | 67       | 66        |  |  |
| 40/ 39       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          | 59       | 81        |  |  |
| 38/ 37       |                                     |     |            |     | .1        |      |            |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 37       | 85        |  |  |
| 36/ 35       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          | 11       | 76        |  |  |
| 34/ 33       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          | 1        | 74        |  |  |
| 32/ 31       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          | 1        | 71        |  |  |
| 30/ 29       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 57        |  |  |
| 28/ 27       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 46        |  |  |
| 26/ 25       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 34        |  |  |
| 24/ 23       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 26        |  |  |
| 22/ 21       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 19        |  |  |
| 20/ 19       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 17        |  |  |
| 18/ 17       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 7         |  |  |
| 16/ 15       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 3         |  |  |
| 14/ 13       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 2         |  |  |
| Element (X)  | $\Sigma X^2$                        |     | $\Sigma X$ |     | $\bar{X}$ |      | $\sigma_x$ |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |  |  |
| Rel. Hum.    |                                     |     |            |     |           |      |            |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |  |  |
| Dry Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |  |  |
| Wet Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |  |  |
| Dew Point    |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |  |  |



## PSYCHROMETRIC SUMMARY

SEP  
MONTH

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



1

[illegible]

SEP  
MONTH

HOURS (L. S. T.)

USAFFTAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 STATION PALMDALE APT CALIF

49-54,61-64,72

YEARS

SEP  
MONTH

PAGE 2 0600-0800  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | TOTAL     | TOTAL    |          |           |     |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-----|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |     |
| 24/ 23       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 13  |
| 22/ 21       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 6   |
| 20/ 19       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 10  |
| 18/ 17       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 3   |
| 16/ 15       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           | 2   |
| TOTAL        | .2                                  | 1.4   | 3.8   | 6.3   | 8.5   | 11.4   | 12.8    | 12.8    | 9.5     | 11.1    | 9.1     | 5.8     | 4.2     | 2.1     | .5      | .5      | .1   |           | 986      |          | 986       | 986 |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |
|              |                                     |       |       |       | </    |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |     |



## PSYCHROMETRIC SUMMARY

SEP  
MONTH

HOURS (L - S - T)

[illegible]

USAFETAC FORM 0-26-3 (OL A)  
JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

SEP  
MONTH

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 72

SEP  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  | TOTAL<br>D.B./W.B. | TOTAL |  |  |  |  |  |  |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|------------|-------|-------|----------|-------|-------|--|------|----------|----------|-----------|-----|-----|-----|-----|--|-------|--|--|--------------------|-------|--|--|--|--|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6        | 7-8 | 9-10 | 11-12     | 13-14 | 15-16 | 17-18      | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30  | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 108/107      |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      | .3       | 3        | 3         |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 106/105      |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      | .3       | 3        | 3         |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 104/103      |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      | .2       | 2        | 2         |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 102/101      |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      | 1.3      | 13       | 13        |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 100/ 99      |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      | 3.3      | 33       | 33        |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 98/ 97       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      | .2       | 6.6      | 67        | 67  |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 96/ 95       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  | .1   | .5       | 8.3      | 88        | 88  |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 94/ 93       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  | .3   | .2       | .3       | 2.4       | 6.3 | 94  | 94  |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 92/ 91       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  | .4   | .3       | .8       | 1.8       | 6.4 | 96  | 96  |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 90/ 89       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  | .1   | .6       | 1.3      | 2.1       | 2.3 | 4.1 | 105 | 105 |  |       |  |  |                    |       |  |  |  |  |  |  |
| 88/ 87       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  | .8   | 1.7      | .8       | 2.0       | 3.6 | 3.6 | 125 | 125 |  |       |  |  |                    |       |  |  |  |  |  |  |
| 86/ 85       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       | .1   | .9   | .7       | 1.4      | 1.8       | 2.5 | 1.0 | 84  | 84  |  |       |  |  |                    |       |  |  |  |  |  |  |
| 84/ 83       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       | .1   | .8   | 1.2      | 1.1      | 1.4       | 2.0 | .9  | 75  | 75  |  |       |  |  |                    |       |  |  |  |  |  |  |
| 82/ 81       |                                     |     |     |            |     |      |           |       |       |            |       |       | .3       | .2    | .4    | .4   | .4   | 1.6      | 1.1      | 1.5       |     |     | 55  | 55  |  |       |  |  |                    |       |  |  |  |  |  |  |
| 80/ 79       |                                     |     |     |            |     |      |           |       |       | .1         | .1    | .5    | .6       | 1.1   | .6    | .5   | .5   |          |          |           |     |     | 40  | 40  |  |       |  |  |                    |       |  |  |  |  |  |  |
| 78/ 77       |                                     |     |     |            |     |      |           |       |       |            | .2    | .3    | .6       | .4    | .3    | .1   |      |          |          |           |     |     | 19  | 19  |  |       |  |  |                    |       |  |  |  |  |  |  |
| 76/ 75       |                                     |     |     |            |     |      |           | .1    | .2    | .2         | .4    | .4    | .7       | .6    |       |  |      |          |          |           |     |     | 26  | 26  |  |       |  |  |                    |       |  |  |  |  |  |  |
| 74/ 73       |                                     |     |     |            | .1  | .2   | .3        | .4    | .4    | .1         |       |       |          |       |       |  |      |          |          |           |     |     | 15  | 15  |  |       |  |  |                    |       |  |  |  |  |  |  |
| 72/ 71       |                                     |     |     |            | .1  | .3   | .2        | .7    | .6    | .2         | .2    | .1    |          |       |       |  |      |          |          |           |     |     | 24  | 24  |  |       |  |  |                    |       |  |  |  |  |  |  |
| 70/ 69       |                                     |     | .1  | .1         |     | .1   | .2        | .2    | .3    |            |       |       |          |       |       |  |      |          |          |           |     |     | 11  | 11  |  |       |  |  |                    |       |  |  |  |  |  |  |
| 68/ 67       |                                     |     | .1  |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     | 1   | 1   |  |       |  |  |                    |       |  |  |  |  |  |  |
| 66/ 65       |                                     | .1  | .2  |            |     | .1   |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     | 5   | 5   |  |       |  |  |                    |       |  |  |  |  |  |  |
| 64/ 63       |                                     | .1  |     |            | .1  |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     | 2   | 2   |  |       |  |  |                    |       |  |  |  |  |  |  |
| 62/ 61       |                                     |     | .1  |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     | 1   | 1   |  |       |  |  |                    |       |  |  |  |  |  |  |
| 60/ 59       |                                     |     | .2  |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     | 2   | 2   |  |       |  |  |                    |       |  |  |  |  |  |  |
| 58/ 57       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 56/ 55       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 54/ 53       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 52/ 51       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 50/ 49       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 48/ 47       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 46/ 45       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 44/ 43       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| 42/ 41       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| Element (X)  | $\Sigma X^2$                        |     |     | $\Sigma X$ |     |      | $\bar{X}$ |       |       | $\sigma_x$ |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature                 |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| Rel. Hum.    |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       | ≤ 0 F   ≤ 32 F   ≥ 67 F   ≥ 73 F   ≥ 80 F   ≥ 93 F |      |          |          |           |     |     |     |     |  | Total |  |  |                    |       |  |  |  |  |  |  |
| Dry Bulb     |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| Wet Bulb     |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |
| Dew Point    |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |      |          |          |           |     |     |     |     |  |       |  |  |                    |       |  |  |  |  |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION NA

49-54, 61-64, 72

SEP  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

U.S. SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-72

SEP  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |       |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |                    |       |       |  |
| 108/107      |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | .1       | 1        | 1         |                    |       |       |  |
| 106/105      |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | .2       | 2        | 2         |                    |       |       |  |
| 104/103      |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | .2       | 2        | 2         |                    |       |       |  |
| 102/101      |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 1.2      | 12       | 12        |                    |       |       |  |
| 100/ 99      |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 2.1      | 21       | 21        |                    |       |       |  |
| 98/ 97       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       | .1     | 4.5      | 45       | 45        |                    |       |       |  |
| 96/ 95       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        | .1    | 1.4    | 5.1      | 65       | 65        |                    |       |       |  |
| 94/ 93       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       | .1     | .3    | 1.9    | 5.7      | 79       | 79        |                    |       |       |  |
| 92/ 91       |                                     |     |     |     |     |      |                |       |          |       | .1                                 |       | .1     | .7    | 1.6    | 2.2   | 5.2    | 98       | 98       |           |                    |       |       |  |
| 90/ 89       |                                     |     |     |     |     |      |                |       |          |       |                                    | .1    | .3     | 1.3   | 1.1    | 3.4   | 4.6    | 109      | 109      |           |                    |       |       |  |
| 88/ 87       |                                     |     |     |     |     |      |                |       |          |       | .2                                 | .4    | 1.1    | 1.1   | 1.4    | 2.8   | 2.9    | 99       | 99       |           |                    |       |       |  |
| 86/ 85       |                                     |     |     |     |     |      |                |       |          |       | .2                                 | .5    | .7     | 1.0   | 1.6    | 2.2   | 2.7    | .7       | 96       | 96        |                    |       |       |  |
| 84/ 83       |                                     |     |     |     |     |      |                |       |          | .1    | .2                                 | .3    | 1.4    | 1.6   | 2.0    | 1.4   | .5     | .2       | 77       | 77        |                    |       |       |  |
| 82/ 81       |                                     |     |     |     |     |      |                |       |          | .1    | .6                                 | 1.2   | 1.0    | .8    | 1.7    | 1.2   | .3     |          | 69       | 69        |                    |       |       |  |
| 80/ 79       |                                     |     |     |     |     |      | .1             | .2    | .7       | .4    | 1.1                                | 1.4   | .9     | .6    | .2     |       |        | 56       | 56       |           |                    |       |       |  |
| 78/ 77       |                                     |     |     |     | .1  |      | .1             | .2    | .4       | .7    | .8                                 | .8    | 1.0    | .4    |        |       |        | 45       | 45       |           |                    |       |       |  |
| 76/ 75       |                                     |     |     |     |     |      |                | .2    | 1.1      | .6    | .6                                 | .4    | .2     |       |        |       |        | 31       | 31       |           |                    |       |       |  |
| 74/ 73       |                                     |     |     |     |     |      |                | .2    | .2       | .5    | .4                                 | .1    | .2     |       |        | .1    |        | 17       | 17       |           |                    |       |       |  |
| 72/ 71       |                                     |     |     |     |     |      | .2             | .6    | .8       | .2    | .1                                 |       | .1     |       |        |       |        | 20       | 20       |           | 1                  |       |       |  |
| 70/ 69       |                                     |     |     |     |     | .1   | .3             | .2    |          | .1    | .2                                 |       |        |       |        |       |        | 9        | 9        |           | 1                  |       |       |  |
| 68/ 67       |                                     |     | .2  |     |     | .2   | .5             | .3    | .2       | .1    |                                    |       |        |       |        |       |        | 15       | 15       | 22        | 1                  |       |       |  |
| 66/ 65       |                                     | .2  |     |     |     | .1   | .1             | .1    |          |       |                                    |       |        |       |        |       |        | 5        | 5        | 66        |                    |       |       |  |
| 64/ 63       |                                     | .3  |     |     | .1  | .4   | .1             |       |          | .1    |                                    |       |        |       |        |       |        | 10       | 10       | 141       | 4                  |       |       |  |
| 62/ 61       |                                     | .2  |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 2        | 2        | 165       | 4                  |       |       |  |
| 60/ 59       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          | 207       | 7                  |       |       |  |
| 58/ 57       |                                     |     |     |     |     |      |                |       |          | .1    |                                    |       |        |       |        |       |        | 1        | 1        | 185       | 8                  |       |       |  |
| 56/ 55       |                                     |     |     |     |     |      |                | .1    |          |       |                                    |       |        |       |        |       |        | 1        | 1        | 130       | 13                 |       |       |  |
| 54/ 53       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          | 47        | 24                 |       |       |  |
| 52/ 51       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          | 15        | 34                 |       |       |  |
| 50/ 49       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          | 2         | 60                 |       |       |  |
| 48/ 47       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          | 3         | 76                 |       |       |  |
| 46/ 45       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          | 1         | 71                 |       |       |  |
| 44/ 43       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          | 1         | 55                 |       |       |  |
| 42/ 41       |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           | 66                 |       |       |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | X̄  |      | σ <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |                |       |          |       | ≤ 0 F                              |       | ≤ 32 F |       | ≥ 67 F |       | ≥ 73 F |          | ≥ 80 F   |           | ≥ 93 F             |       | Total |  |
| Dry Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Dew Point    |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC



## PSYCHROMETRIC SUMMARY

SEP  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

49-54, 61-64, 71-72  
YEARS

SEP  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |  |
| 98/ 97       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | .1     | 1         | 1        |          |           |       |       |  |  |
| 96/ 95       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | .2     | 2         | 2        |          |           |       |       |  |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | .3     | 3         | 3        |          |           |       |       |  |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    | .2     | 4         | 4        |          |           |       |       |  |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |                |       |       | .1       | .3    | .3    | .8                                 | .1     | 16        | 16       |          |           |       |       |  |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |                |       | .1    | .6       | .6    | .2    | .5                                 | .1     | 21        | 21       |          |           |       |       |  |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       |                | .1    | .4    | 1.1      | 2.1   | 1.2   | .8                                 | .3     | 60        | 60       |          |           |       |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |                | .6    | .9    | 1.3      | 1.3   | .6    | .4                                 | .1     | 52        | 52       |          |           |       |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       | .1    | .1    | .1             | 1.0   | 1.2   | 1.5      | 2.7   | .7    | .3                                 |        | 77        | 77       |          |           |       |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       | .5    | .2    | 1.3            | 1.4   | 2.0   | 2.2      | 1.9   | 1.2   |                                    |        | 107       | 107      |          |           |       |       |  |  |
| 78/ 77       |                                     |     |     |     |     | .1   | .1    | .3    | .7    | .8             | 2.0   | 2.1   | 2.1      | 1.1   | .3    |                                    |        | 96        | 96       |          |           |       |       |  |  |
| 76/ 75       |                                     |     |     |     |     | .1   | .3    | .2    | 1.0   | 1.0            | 2.8   | 2.1   | 1.6      | .8    |       |                                    |        | 100       | 100      |          |           |       |       |  |  |
| 74/ 73       |                                     |     |     |     | .1  | .3   | .8    | 1.0   | 1.0   | 1.0            | 1.8   | 1.7   | .8       |       |       |                                    |        | 85        | 85       |          |           |       |       |  |  |
| 72/ 71       |                                     |     |     |     | .3  | .8   | 1.2   | 1.4   | 2.4   | 1.9            | .8    | .4    |          |       |       |                                    |        | 92        | 92       |          |           |       |       |  |  |
| 70/ 69       |                                     |     |     |     | .1  | .2   | 1.5   | .9    | 1.8   | 1.4            | .9    | .3    |          |       |       |                                    |        | 71        | 71       |          |           |       |       |  |  |
| 68/ 67       |                                     |     |     |     | .1  | .9   | 1.1   | .9    | .9    | 1.3            | .5    | .1    |          |       |       |                                    |        | 58        | 58       | 2        |           |       |       |  |  |
| 66/ 65       |                                     | .2  |     |     | .1  | .3   | 1.2   | .6    | 1.0   | .3             | .2    |       |          |       |       |                                    |        | 39        | 39       | 18       |           |       |       |  |  |
| 64/ 63       |                                     | .4  | .1  | .3  | 1.0 | 1.0  | .6    | .3    | .5    | .1             |       |       |          |       |       |                                    |        | 43        | 43       | 52       | 5         |       |       |  |  |
| 62/ 61       |                                     | .1  |     | .2  | .7  | .4   | .6    |       | .2    |                |       |       |          |       |       |                                    |        | 22        | 22       | 79       | 3         |       |       |  |  |
| 60/ 59       |                                     | .4  |     | .3  | .4  | .4   | .2    | .3    | .2    |                |       |       |          |       |       |                                    |        | 22        | 22       | 135      | 9         |       |       |  |  |
| 58/ 57       |                                     |     | .1  | .5  | .1  | .3   | .2    |       |       |                |       |       |          |       |       |                                    |        | 12        | 12       | 153      | 14        |       |       |  |  |
| 56/ 55       |                                     |     |     | .1  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1         | 1        | 170      | 15        |       |       |  |  |
| 54/ 53       |                                     |     |     | .1  |     | .1   |       |       |       |                |       |       |          |       |       |                                    |        | 2         | 2        | 168      | 38        |       |       |  |  |
| 52/ 51       |                                     |     |     |     |     | .1   | .1    |       |       |                |       |       |          |       |       |                                    |        | 2         | 2        | 116      | 57        |       |       |  |  |
| 50/ 49       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | 53       | 50        |       |       |  |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | 24       | 71        |       |       |  |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | 7        | 73        |       |       |  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | 2        | 58        |       |       |  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          | 2        | 99        |       |       |  |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 76        |       |       |  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 74        |       |       |  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 75        |       |       |  |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 71        |       |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          | 52        |       |       |  |  |
| Element (X)  | Σ x <sup>2</sup>                    |     |     | Σ x |     |      | X̄    |       |       | s <sub>x</sub> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |           |          |          |           |       | Total |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F    | ≥ 73 F   | ≥ 80 F   | ≥ 93 F    | Total |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           |       |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           |       |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |          |          |           |       |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

|              |                           |
|--------------|---------------------------|
| <u>23182</u> | <u>PALMDALE APT CALIF</u> |
| STATION      | STATION NAME              |

49-54, 61-64, 71-72

SEP  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

49-54,61-64,71-72  
YEARS

SEP  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           |    | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|----------|----------|-----------|----|--------------------|-------|--|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | Dry Bulb | Wet Bulb | Dew Point |    |                    |       |  |  |
| 90/ 89       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         | .1      | .1      |       | 2        | 2        |           |    |                    |       |  |  |
| 84/ 83       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         | .1      | .1      |       | 2        | 2        |           |    |                    |       |  |  |
| 82/ 81       |                                     |       |       |       |       |        |         |         |          |         | .2                                 | .3      | .4      | .1      |         |         |       | 10       | 10       |           |    |                    |       |  |  |
| 80/ 79       |                                     |       |       |       |       |        |         |         |          | .7      | .3                                 | .3      | .3      | .2      |         |         |       | 18       | 18       |           |    |                    |       |  |  |
| 78/ 77       |                                     |       |       |       |       |        | .1      | .3      | .2       | .5      | .9                                 | 1.7     | 1.2     | .2      | .2      |         |       | 53       | 53       |           |    |                    |       |  |  |
| 76/ 75       |                                     |       |       |       |       |        | .2      | .2      | 1.3      | 1.1     | 1.4                                | 1.6     | 1.1     | .4      |         |         |       | 73       | 73       |           |    |                    |       |  |  |
| 74/ 73       |                                     |       |       |       |       | .2     | .2      | .7      | 1.6      | .6      | 1.2                                | 1.9     | .4      |         |         |         |       | 68       | 68       |           |    |                    |       |  |  |
| 72/ 71       |                                     |       |       |       | .1    | .7     | .9      | .4      | .8       | 2.2     | 2.1                                | 1.0     | .1      |         |         |         |       | 83       | 83       |           |    |                    |       |  |  |
| 70/ 69       |                                     |       |       | .3    | .4    | .2     | 1.5     | 1.5     | 1.9      | 2.9     | 1.8                                | .9      |         |         |         |         |       | 114      | 114      |           |    |                    |       |  |  |
| 68/ 67       |                                     |       | .1    | .5    | .7    | 1.2    | 1.6     | 3.7     | 2.6      | .8      | .1                                 |         |         |         |         |         |       | 113      | 113      |           |    |                    |       |  |  |
| 66/ 65       |                                     |       |       | .3    | .7    | 1.2    | 1.7     | 1.4     | 1.6      | 1.5     | .6                                 |         |         |         |         |         |       | 90       | 90       | 4         |    |                    |       |  |  |
| 64/ 63       | .2                                  | .4    |       | .5    | .6    | .6     | 2.1     | 2.4     | 2.3      | 1.1     | .1                                 |         |         |         |         |         |       | 103      | 103      | 14        |    |                    |       |  |  |
| 62/ 61       |                                     | .2    | .2    | 1.0   | 1.0   | 1.4    | 1.2     | 2.3     | .6       | .2      | .1                                 |         |         |         |         |         |       | 82       | 82       | 38        | 11 |                    |       |  |  |
| 60/ 59       |                                     | .4    | .2    | .9    | 1.4   | 1.1    | 1.3     | .9      | .8       | .1      |                                    |         |         |         |         |         |       | 71       | 71       | 65        | 4  |                    |       |  |  |
| 58/ 57       |                                     |       | .1    | .6    | 1.0   | 1.4    | .5      | .9      | .4       |         |                                    |         |         |         |         |         |       | 49       | 49       | 88        | 10 |                    |       |  |  |
| 56/ 55       |                                     |       | .3    | .8    | .5    | .6     | .9      | .3      | .1       |         |                                    |         |         |         |         |         |       | 35       | 35       | 110       | 21 |                    |       |  |  |
| 54/ 53       |                                     |       | .3    |       | .1    | .5     | .1      | .2      |          |         |                                    |         |         |         |         |         |       | 12       | 12       | 170       | 33 |                    |       |  |  |
| 52/ 51       |                                     |       | .1    | .2    | .2    | .3     | .1      |         |          |         |                                    |         |         |         |         |         |       | 9        | 9        | 172       | 29 |                    |       |  |  |
| 50/ 49       |                                     |       | .1    | .1    |       | .2     |         |         |          |         |                                    |         |         |         |         |         |       | 4        | 4        | 140       | 5  |                    |       |  |  |
| 48/ 47       |                                     |       |       |       | .1    |        |         |         |          |         |                                    |         |         |         |         |         |       | 1        | 1        | 101       | 62 |                    |       |  |  |
| 46/ 45       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          | 45        | 61 |                    |       |  |  |
| 44/ 43       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          | 28        | 74 |                    |       |  |  |
| 42/ 41       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          | 12        | 69 |                    |       |  |  |
| 40/ 39       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          | 2         | 84 |                    |       |  |  |
| 38/ 37       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 90 |                    |       |  |  |
| 36/ 35       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 79 |                    |       |  |  |
| 34/ 33       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 85 |                    |       |  |  |
| 32/ 31       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 71 |                    |       |  |  |
| 30/ 29       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 45 |                    |       |  |  |
| 28/ 27       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 23 |                    |       |  |  |
| 26/ 25       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 21 |                    |       |  |  |
| 24/ 23       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 20 |                    |       |  |  |
| 22/ 21       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           | 15 |                    |       |  |  |
| 20/ 19       |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           |    |                    |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |       | Σ X   |       | Σ     |        | Σ X     |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |       |          |          |           |    |                    |       |  |  |
| Rel. Hum.    |                                     |       |       |       |       |        |         |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F  | Total |          |          |           |    |                    |       |  |  |
| Dry Bulb     |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           |    |                    |       |  |  |
| Wet Bulb     |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           |    |                    |       |  |  |
| Dew Point    |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |          |          |           |    |                    |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

SEP  
MONTH

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-72

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | TOTAL     | TOTAL |  |  |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|-------|-----------|----------|----------|-----------|-------|--|--|
|             | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31  | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 78 / 77     |                                     |       |       |       |       |        |         |         |          |         | .2                                 |         | .1      |         |         |         |       | 3         | 3        |          |           |       |  |  |
| 74 / 73     |                                     |       |       |       |       |        |         |         | .3       | .1      |                                    |         |         |         |         |         |       | 4         | 4        |          |           |       |  |  |
| 72 / 71     |                                     |       |       |       |       |        | .1      | .2      |          |         | .1                                 |         |         |         |         |         |       | 4         | 4        |          |           |       |  |  |
| 70 / 69     |                                     |       |       |       |       | .1     | .2      | .4      |          | .1      | .3                                 |         |         |         |         |         |       | 11        | 11       |          |           |       |  |  |
| 68 / 67     |                                     |       |       |       |       | .2     |         | .3      | .5       | .5      |                                    |         |         |         |         |         |       | 15        | 15       |          |           |       |  |  |
| 66 / 65     |                                     |       |       |       | .2    | .3     | .5      | .5      | .9       | .2      | .2                                 |         |         |         |         |         |       | 31        | 31       |          |           |       |  |  |
| 64 / 63     |                                     |       |       |       | .2    | .5     | .9      | 1.3     | .7       | .2      |                                    |         |         |         |         |         |       | 41        | 41       |          |           |       |  |  |
| 62 / 61     |                                     |       | .1    | .1    | .4    | .9     | .8      | 1.2     | .6       |         |                                    |         |         |         |         |         |       | 45        | 45       |          |           |       |  |  |
| 60 / 59     |                                     | .3    | .8    | 1.1   | 1.5   | 1.6    | 2.3     | .5      | .4       |         |                                    |         |         |         |         |         |       | 92        | 92       | 8        |           |       |  |  |
| 58 / 57     |                                     | .1    | .6    | 1.0   | 1.4   | 1.8    | 1.2     | .5      | .1       |         |                                    |         |         |         |         |         |       | 84        | 84       | 10       |           |       |  |  |
| 56 / 55     |                                     | 1.1   | .8    | 2.0   | 1.3   | 1.5    | 2.1     | 1.3     | .5       |         |                                    |         |         |         |         |         |       | 117       | 117      | 22       | 2         |       |  |  |
| 54 / 53     |                                     | .3    | 1.6   | 1.2   | 1.7   | 1.1    | 1.8     | .7      | .2       |         |                                    |         |         |         |         |         |       | 98        | 98       | 52       | 13        |       |  |  |
| 52 / 51     | .1                                  | .8    | 1.3   | 2.0   | 1.9   | 2.0    | 1.2     | .4      |          |         |                                    |         |         |         |         |         |       | 106       | 106      | 75       | 26        |       |  |  |
| 50 / 49     |                                     | .4    | 1.0   | 1.5   | 2.1   | 2.4    | 1.2     | .3      |          |         |                                    |         |         |         |         |         |       | 108       | 108      | 118      | 28        |       |  |  |
| 48 / 47     | .1                                  | .4    | 1.3   | 1.4   | 2.4   | 1.4    | .4      |         |          |         |                                    |         |         |         |         |         |       | 79        | 79       | 121      | 41        |       |  |  |
| 46 / 45     |                                     | .6    | .8    | 1.8   | 2.3   | 1.5    | .2      |         |          |         |                                    |         |         |         |         |         |       | 79        | 79       | 120      | 64        |       |  |  |
| 44 / 43     |                                     | .9    | .8    | .3    | 1.5   | .7     | .2      | .1      |          |         |                                    |         |         |         |         |         |       | 50        | 50       | 121      | 54        |       |  |  |
| 42 / 41     |                                     | .1    | .3    | .5    | 1.2   | .7     |         |         |          |         |                                    |         |         |         |         |         |       | 31        | 31       | 120      | 71        |       |  |  |
| 40 / 39     |                                     | .2    | .3    | 1.0   | 2.0   | .1     | .1      |         |          |         |                                    |         |         |         |         |         |       | 40        | 40       | 104      | 87        |       |  |  |
| 38 / 37     |                                     | .4    | .5    | 1.0   | .8    |        |         |         |          |         |                                    |         |         |         |         |         |       | 28        | 28       | 63       | 61        |       |  |  |
| 36 / 35     |                                     |       | .5    | .6    | .3    |        |         |         |          |         |                                    |         |         |         |         |         |       | 15        | 15       | 44       | 87        |       |  |  |
| 34 / 33     |                                     | .2    | .5    | .4    | .1    |        |         |         |          |         |                                    |         |         |         |         |         |       | 12        | 12       | 47       | 62        |       |  |  |
| 32 / 31     |                                     |       | .1    |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       | 1         | 1        | 39       | 81        |       |  |  |
| 30 / 29     |                                     |       | .1    | .1    |       |        |         |         |          |         |                                    |         |         |         |         |         |       | 2         | 2        | 22       | 74        |       |  |  |
| 28 / 27     |                                     |       | .2    |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       | 2         | 2        | 7        | 57        |       |  |  |
| 26 / 25     |                                     |       | .1    | .3    |       |        |         |         |          |         |                                    |         |         |         |         |         |       | 4         | 4        | 4        | 67        |       |  |  |
| 24 / 23     |                                     |       | .1    |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       | 1         | 1        | 1        | 63        |       |  |  |
| 22 / 21     |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          | 3        | 40        |       |  |  |
| 20 / 19     |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          | 2        | 31        |       |  |  |
| 18 / 17     |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 26        |       |  |  |
| 16 / 15     |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 20        |       |  |  |
| 14 / 13     |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 7         |       |  |  |
| 12 / 11     |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 5         |       |  |  |
| 10 / 9      |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          | 3         |       |  |  |
| Element (X) | Σ x <sup>2</sup>                    |       | Σ x   |       | Σ     |        | Σ x     |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |       |           |          |          |           |       |  |  |
| Rel. Hum.   |                                     |       |       |       |       |        |         |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F  | Total |           |          |          |           |       |  |  |
| Dry Bulb    |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |       |  |  |
| Wet Bulb    |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |       |  |  |
| Dew Point   |                                     |       |       |       |       |        |         |         |          |         |                                    |         |         |         |         |         |       |           |          |          |           |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

  CCT    
MONTH

0000-0200  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-72

OCT  
MONTH

PAGE 1 0300-0500  
HOURS (L S, T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |          |          |           | TOTAL<br>D.B./W.B.                 | TOTAL  |        |        |        |        |       |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------------|-------|-------|-------|----------|----------|----------|-----------|------------------------------------|--------|--------|--------|--------|--------|-------|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24          | 25-26 | 27-28 | 29-30 | ≥ 31     | Dry Bulb | Wet Bulb | Dew Point |                                    |        |        |        |        |        |       |
| 78/ 77       |                                     |     |     |     |     |      |       |       |       |       |       | .1    |                |       |       |       |          | 1        | 1        |           |                                    |        |        |        |        |        |       |
| 76/ 75       |                                     |     |     |     |     |      |       |       |       |       |       | .1    | .1             |       |       |       |          | 2        | 2        |           |                                    |        |        |        |        |        |       |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       | .1    |       |       |                |       |       |       |          | 1        | 1        |           |                                    |        |        |        |        |        |       |
| 70/ 69       |                                     |     |     |     |     |      |       | .1    |       |       |       | .1    |                |       |       |       |          | 2        | 2        |           |                                    |        |        |        |        |        |       |
| 68/ 67       |                                     |     |     |     |     | .2   | .2    | .1    | .3    | .1    |       |       |                |       |       |       |          | 9        | 9        |           |                                    |        |        |        |        |        |       |
| 66/ 65       |                                     |     |     |     | .4  |      | .4    | .2    | .3    | .3    |       |       |                |       |       |       |          | 16       | 16       |           |                                    |        |        |        |        |        |       |
| 64/ 63       |                                     |     |     |     | .2  | .3   | .1    | .5    | .3    | .1    |       |       |                |       |       |       |          | 15       | 15       |           |                                    |        |        |        |        |        |       |
| 62/ 61       |                                     |     |     |     | .4  | .4   | .6    | .5    | .2    |       |       |       |                |       |       |       |          | 22       | 22       |           |                                    |        |        |        |        |        |       |
| 60/ 59       |                                     |     |     | .3  | .6  | 1.1  | 1.9   | .7    | .4    | .1    |       |       |                |       |       |       |          | 56       | 56       |           |                                    |        |        |        |        |        |       |
| 58/ 57       |                                     |     | .5  | .4  | 1.0 | .3   | 1.9   | .5    | .1    |       |       |       |                |       |       |       |          | 50       | 50       | 10        |                                    |        |        |        |        |        |       |
| 56/ 55       |                                     | .5  | .5  | 2.5 | 1.5 | 1.6  | 1.9   | .5    | .2    | .1    |       |       |                |       |       |       |          | 102      | 102      | 10        |                                    |        |        |        |        |        |       |
| 54/ 53       |                                     | .4  | 1.8 | 1.5 | 1.4 | 2.3  | .8    | .4    | .1    |       |       |       |                |       |       |       |          | 94       | 94       | 26        | 7                                  |        |        |        |        |        |       |
| 52/ 51       | .4                                  | .9  | 1.1 | 1.2 | 1.7 | 2.2  | 1.3   | .4    |       |       |       |       |                |       |       |       |          | 100      | 100      | 54        | 14                                 |        |        |        |        |        |       |
| 50/ 49       | .1                                  | .9  | 1.0 | 1.3 | 1.6 | 1.7  | 1.0   |       |       |       |       |       |                |       |       |       |          | 84       | 84       | 93        | 27                                 |        |        |        |        |        |       |
| 48/ 47       | .1                                  | .7  | 1.3 | 2.3 | 2.5 | 2.3  | .4    |       |       |       |       |       |                |       |       |       |          | 105      | 105      | 87        | 43                                 |        |        |        |        |        |       |
| 46/ 45       | .2                                  | 1.0 | 1.6 | 2.7 | 2.9 | 2.2  | .2    |       |       |       |       |       |                |       |       |       |          | 119      | 119      | 124       | 33                                 |        |        |        |        |        |       |
| 44/ 43       |                                     | 1.1 | 2.2 | 2.4 | 1.8 | .7   | .3    |       |       |       |       |       |                |       |       |       |          | 93       | 93       | 102       | 51                                 |        |        |        |        |        |       |
| 42/ 41       |                                     | .8  | 1.1 | .9  | 1.8 | .9   | .1    |       |       |       |       |       |                |       |       |       |          | 62       | 62       | 105       | 52                                 |        |        |        |        |        |       |
| 40/ 39       |                                     | .5  | .5  | 1.5 | 1.9 | .3   |       |       |       |       |       |       |                |       |       |       |          | 52       | 52       | 138       | 79                                 |        |        |        |        |        |       |
| 38/ 37       |                                     | .4  | .5  | 1.5 | 1.2 | .1   |       |       |       |       |       |       |                |       |       |       |          | 40       | 40       | 110       | 79                                 |        |        |        |        |        |       |
| 36/ 35       |                                     | .4  | .5  | 2.1 | .1  | .1   |       |       |       |       |       |       |                |       |       |       |          | 34       | 34       | 63        | 72                                 |        |        |        |        |        |       |
| 34/ 33       |                                     | .2  | .6  | .4  | .2  |      |       |       |       |       |       |       |                |       |       |       |          | 17       | 17       | 50        | 103                                |        |        |        |        |        |       |
| 32/ 31       |                                     |     | .5  | .5  | .1  |      |       |       |       |       |       |       |                |       |       |       |          | 11       | 11       | 56        | 77                                 |        |        |        |        |        |       |
| 30/ 29       |                                     | .1  | .3  | .1  |     |      |       |       |       |       |       |       |                |       |       |       |          | 5        | 5        | 43        | 71                                 |        |        |        |        |        |       |
| 28/ 27       |                                     |     | .1  | .1  |     |      |       |       |       |       |       |       |                |       |       |       |          | 2        | 2        | 14        | 62                                 |        |        |        |        |        |       |
| 26/ 25       |                                     |     |     | .1  |     |      |       |       |       |       |       |       |                |       |       |       |          | 1        | 1        | 8         | 60                                 |        |        |        |        |        |       |
| 24/ 23       |                                     |     | .1  |     |     |      |       |       |       |       |       |       |                |       |       |       |          | 1        | 1        | 1         | 61                                 |        |        |        |        |        |       |
| 22/ 21       |                                     |     | .1  |     |     |      |       |       |       |       |       |       |                |       |       |       |          | 1        | 1        | 1         | 57                                 |        |        |        |        |        |       |
| 20/ 19       |                                     |     | .2  |     |     |      |       |       |       |       |       |       |                |       |       |       |          | 2        | 2        | 1         | 44                                 |        |        |        |        |        |       |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |          |          | 2         | 25                                 |        |        |        |        |        |       |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |          |          | 1         | 19                                 |        |        |        |        |        |       |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |          |          |           | 14                                 |        |        |        |        |        |       |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |          |          |           |                                    |        |        |        |        |        |       |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |          |          |           |                                    |        |        |        |        |        |       |
| Element (X)  | Σ x <sup>2</sup>                    |     |     |     | Σ x |      |       |       | x̄    |       |       |       | s <sub>x</sub> |       |       |       | No. Obs. |          |          |           | Mean No. of Hours with Temperature |        |        |        |        |        |       |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |          |          |           | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |          |          |           |                                    |        |        |        |        |        |       |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |          |          |           |                                    |        |        |        |        |        |       |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |          |          |           |                                    |        |        |        |        |        |       |



## PSYCHROMETRIC SUMMARY

ECT  
MONTH

0300-0500  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           | TOTAL    | TOTAL    |           |  |
|-------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
|             | 0                                   | 1-2 | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 8/ 7        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 4         |  |
| 6/ 5        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |
| 4/ 3        |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 3         |  |
| TOTAL       | ,7                                  | 7.7 | 14.6 | 21.5 | 21.3 | 16.6 | 11.1  | 3.7   | 1.7   | .6    | .3    | .1    |       |       |       |       |      |           | 1099     |          | 1099      |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      | 1099      |          | 1099     |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |
|             |                                     |     |      |      | </   |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

49-54, 61-64, 71-72

CCY  
MONTH

PAGE 1 0600-0000  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |     | TOTAL<br>D.B.-W.B. | TOTAL |    |  |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------|-------|--|--|--|--|--|--|--|--|-----|--------------------|-------|----|--|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |        |       |  |  |  |  |  |  |  |  |     |                    |       |    |  |
| 82/ 81      |                                     |     |     |     |     |      |       |       |       |                | .1    |       |          |       |       |                                    |        | 1        |          |           |        |       |  |  |  |  |  |  |  |  | 1   | 1                  |       |    |  |
| 80/ 79      |                                     |     |     |     |     |      |       |       |       |                |       | .2    | .1       |       |       |                                    |        | 5        |          |           |        |       |  |  |  |  |  |  |  |  | 5   | 5                  |       |    |  |
| 78/ 77      |                                     |     |     |     |     |      |       |       |       |                |       | .1    | .1       | .1    |       |                                    |        | 4        |          |           |        |       |  |  |  |  |  |  |  |  | 4   | 4                  |       |    |  |
| 76/ 75      |                                     |     |     |     |     |      |       |       |       | .1             |       | .1    | .2       | .1    |       |                                    |        | 5        |          |           |        |       |  |  |  |  |  |  |  |  | 5   | 5                  |       |    |  |
| 74/ 73      |                                     |     |     |     |     |      |       |       |       |                | .3    | .7    |          | .1    | .1    |                                    |        | 13       |          |           |        |       |  |  |  |  |  |  |  |  | 13  | 13                 |       |    |  |
| 72/ 71      |                                     |     |     |     |     |      |       | .1    | .1    | .2             | .8    | .5    |          |       |       |                                    |        | 19       |          |           |        |       |  |  |  |  |  |  |  |  | 19  | 19                 |       |    |  |
| 70/ 69      |                                     |     |     |     |     |      | .1    | .1    | .3    | .7             | .6    | .4    | .3       |       |       |                                    |        | 27       |          |           |        |       |  |  |  |  |  |  |  |  | 27  | 27                 |       |    |  |
| 68/ 67      |                                     |     |     |     |     |      |       | .4    | .5    | .9             | .5    | .5    |          |       |       | .1                                 |        | 33       |          |           |        |       |  |  |  |  |  |  |  |  | 33  | 33                 |       |    |  |
| 66/ 65      |                                     |     |     | .1  | .3  | .5   | .5    | 1.1   | 1.0   | .5             | .3    |       |          |       |       |                                    |        | 47       |          |           |        |       |  |  |  |  |  |  |  |  | 47  | 47                 |       |    |  |
| 64/ 63      |                                     |     |     | .1  | .1  | .6   | .8    | 1.5   | 1.3   | .3             | .1    |       |          |       |       |                                    |        | 52       |          |           |        |       |  |  |  |  |  |  |  |  | 52  | 53                 | 1     |    |  |
| 62/ 61      |                                     |     |     | .2  | .5  | 1.1  | 1.5   | .9    | .5    | .5             |       |       |          |       |       |                                    |        | 58       |          |           |        |       |  |  |  |  |  |  |  |  | 58  | 58                 | 1     |    |  |
| 60/ 59      |                                     |     | .2  | .6  | .7  | 1.0  | 1.1   | .5    | .8    | .2             |       |       |          |       |       |                                    |        | 57       |          |           |        |       |  |  |  |  |  |  |  |  | 57  | 57                 | 6     |    |  |
| 58/ 57      |                                     | .2  | .3  | .7  | 1.1 | 1.2  | 1.9   | 1.6   | .5    | .1             |       |       |          |       |       |                                    |        | 84       |          |           |        |       |  |  |  |  |  |  |  |  | 84  | 84                 | 15    |    |  |
| 56/ 55      |                                     | .1  | 1.3 | 1.5 | 1.2 | 2.0  | 1.4   | 1.7   | .2    |                |       |       |          |       |       |                                    |        | 102      |          |           |        |       |  |  |  |  |  |  |  |  | 102 | 102                | 34    | 2  |  |
| 54/ 53      |                                     | .5  | .9  | 1.8 | 1.4 | 2.0  | .8    | 1.1   |       |                |       |       |          |       |       |                                    |        | 93       |          |           |        |       |  |  |  |  |  |  |  |  | 93  | 93                 | 66    | 11 |  |
| 52/ 51      | .1                                  | .8  | 1.2 | 1.7 | 1.5 | 1.5  | 1.1   | .3    |       |                |       |       |          |       |       |                                    |        | 91       |          |           |        |       |  |  |  |  |  |  |  |  | 91  | 91                 | 104   | 11 |  |
| 50/ 49      |                                     | .4  | 1.0 | .8  | 1.1 | 1.5  | .8    | .2    |       |                |       |       |          |       |       |                                    |        | 64       |          |           |        |       |  |  |  |  |  |  |  |  | 64  | 64                 | 113   | 30 |  |
| 48/ 47      | .1                                  | 1.0 | 1.0 | 1.1 | 1.0 | 2.4  | .5    | .2    |       |                |       |       |          |       |       |                                    |        | 78       |          |           |        |       |  |  |  |  |  |  |  |  | 78  | 78                 | 119   | 42 |  |
| 46/ 45      |                                     | .7  | .8  | 1.9 | 2.3 | 1.2  | .2    | .1    |       |                |       |       |          |       |       |                                    |        | 79       |          |           |        |       |  |  |  |  |  |  |  |  | 79  | 79                 | 123   | 56 |  |
| 44/ 43      |                                     | 1.0 | .3  | 1.4 | 1.5 | .6   | .1    |       |       |                |       |       |          |       |       |                                    |        | 53       |          |           |        |       |  |  |  |  |  |  |  |  | 53  | 53                 | 107   | 71 |  |
| 42/ 41      |                                     | .6  | .9  | 1.1 | .6  | .3   |       |       |       |                |       |       |          |       |       |                                    |        | 39       |          |           |        |       |  |  |  |  |  |  |  |  | 39  | 39                 | 91    | 78 |  |
| 40/ 39      |                                     | .4  | .1  | .3  | .6  | .3   |       |       |       |                |       |       |          |       |       |                                    |        | 18       |          |           |        |       |  |  |  |  |  |  |  |  | 18  | 18                 | 89    | 82 |  |
| 38/ 37      |                                     | .4  | .1  | 1.2 | .7  | .2   |       |       |       |                |       |       |          |       |       |                                    |        | 28       |          |           |        |       |  |  |  |  |  |  |  |  | 28  | 28                 | 89    | 80 |  |
| 36/ 35      |                                     | .1  | .2  | 1.4 | .1  | .1   |       |       |       |                |       |       |          |       |       |                                    |        | 20       |          |           |        |       |  |  |  |  |  |  |  |  | 20  | 20                 | 40    | 80 |  |
| 34/ 33      |                                     | .1  | .3  | .4  | .1  |      |       |       |       |                |       |       |          |       |       |                                    |        | 9        |          |           |        |       |  |  |  |  |  |  |  |  | 9   | 9                  | 27    | 01 |  |
| 32/ 31      | .1                                  | .2  | .5  |     |     | .1   |       |       |       |                |       |       |          |       |       |                                    |        | 9        |          |           |        |       |  |  |  |  |  |  |  |  | 9   | 9                  | 31    | 62 |  |
| 30/ 29      |                                     |     | .4  | .1  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 5        |          |           |        |       |  |  |  |  |  |  |  |  | 5   | 5                  | 25    | 73 |  |
| 28/ 27      |                                     |     |     | .2  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2        |          |           |        |       |  |  |  |  |  |  |  |  | 2   | 2                  | 6     | 56 |  |
| 26/ 25      |                                     |     |     | .1  |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1        |          |           |        |       |  |  |  |  |  |  |  |  | 1   | 1                  | 5     | 57 |  |
| 24/ 23      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |     |                    | 2     | 62 |  |
| 22/ 21      |                                     |     | .1  |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1        |          |           |        |       |  |  |  |  |  |  |  |  | 1   | 1                  | 1     | 34 |  |
| 20/ 19      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |     | 1                  | 1     | 23 |  |
| 18/ 17      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |     | 1                  | 1     | 20 |  |
| 16/ 15      |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |     |                    |       | 16 |  |
| Element (X) | Σ X <sup>2</sup>                    |     |     | Σ X |     |      | X̄    |       |       | s <sub>x</sub> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |          |          |           |        |       |  |  |  |  |  |  |  |  |     |                    |       |    |  |
| Rel. Hum    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F   | ≥ 73 F   | ≥ 80 F    | ≥ 93 F | Total |  |  |  |  |  |  |  |  |     |                    |       |    |  |
| Dry Bulb    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |     |                    |       |    |  |
| Wet Bulb    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |     |                    |       |    |  |
| Dew Point   |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |          |          |           |        |       |  |  |  |  |  |  |  |  |     |                    |       |    |  |

USAFETAC FORM 0-25-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

49-54, 61-64, 71-72

DCT

STATION

STATION NAME

YEARS

**MONTH**

PAGE 2

0600-0800

HOURS (L S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

49-54, 61-64, 71-72  
YEARS

OCT  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |       |  |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|-------|--|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | ≥ 31   | Dry Bulb | Wet Bulb | Dew Point |                    |       |       |  |
| 94/ 93      |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        | .1    |        |       | .1     | 2        | 2        |           |                    |       |       |  |
| 92/ 91      |                                     |     |     |     |     |      |       |       |          |       |                                    |       | .1     | .1    |        |       | .1     | 3        | 3        |           |                    |       |       |  |
| 90/ 89      |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        | .2    | .1     | 3        | 3        |           |                    |       |       |  |
| 88/ 87      |                                     |     |     |     |     |      |       |       |          |       |                                    |       | .2     | .5    | .1     | .5    | .1     | 14       | 14       |           |                    |       |       |  |
| 86/ 85      |                                     |     |     |     |     |      |       |       |          |       |                                    | .1    | .2     | .6    | .4     | .3    | .3     | 19       | 19       |           |                    |       |       |  |
| 84/ 83      |                                     |     |     |     |     |      |       |       |          |       |                                    | .2    | 1.1    | 1.0   | .6     | .4    |        | 35       | 35       |           |                    |       |       |  |
| 82/ 81      |                                     |     |     |     |     |      |       |       |          | .1    |                                    | .5    | 1.7    | 1.2   | .7     | .3    |        | 48       | 48       |           |                    |       |       |  |
| 80/ 79      |                                     |     |     |     |     |      |       |       |          | .1    | .1                                 | 1.8   | 1.4    | 1.0   | .6     | .1    |        | 56       | 56       |           |                    |       |       |  |
| 78/ 77      |                                     |     |     |     |     |      |       |       | .2       | .6    | 1.1                                | 2.2   | 1.6    | 1.3   |        |       |        | 75       | 76       |           |                    |       |       |  |
| 76/ 75      |                                     |     |     |     |     |      |       | .1    | .2       | .6    | 1.7                                | 1.5   | 1.6    | .5    |        |       |        | 65       | 65       |           |                    |       |       |  |
| 74/ 73      |                                     |     |     |     |     |      |       |       | .8       | 1.5   | 2.3                                | 1.9   | 1.3    | .2    |        |       |        | 87       | 88       |           |                    |       |       |  |
| 72/ 71      |                                     |     |     |     |     |      | .1    | .7    | .7       | 2.4   | 1.7                                | 1.7   | .8     |       |        |       |        | 89       | 89       |           |                    |       |       |  |
| 70/ 69      |                                     |     |     |     |     | .1   | .3    | 1.1   | 1.2      | 1.9   | 1.7                                | 1.2   | .2     |       |        |       |        | 83       | 84       |           |                    |       |       |  |
| 68/ 67      |                                     |     |     |     |     | .5   | 1.2   | 1.7   | 1.9      | 1.0   | 1.3                                | .3    |        |       |        |       |        | 86       | 86       | 2         |                    |       |       |  |
| 66/ 65      |                                     |     |     |     | .2  | .9   | 1.5   | 1.6   | 1.5      | 2.1   | 1.4                                |       |        |       |        |       |        | 99       | 99       | 2         |                    |       |       |  |
| 64/ 63      |                                     |     |     | .2  | .4  | .7   | 1.1   | 1.4   | .8       | 1.5   | .6                                 |       |        |       |        |       |        | 72       | 72       | 3         |                    |       |       |  |
| 62/ 61      |                                     |     |     | .1  | .5  | 1.2  | .9    | .9    | 1.1      | 1.1   |                                    |       |        |       |        |       |        | 63       | 63       | 23        |                    |       |       |  |
| 60/ 59      |                                     |     |     | .1  | .7  | .6   | .6    | .6    | .6       | .4    |                                    |       |        |       |        |       |        | 40       | 40       | 47        |                    |       |       |  |
| 58/ 57      |                                     |     | .5  | .2  | .9  | .6   | .6    | .7    | .6       | .1    |                                    |       |        |       |        |       |        | 45       | 45       | 122       |                    |       |       |  |
| 56/ 55      |                                     | .1  | .3  | .3  | .4  | .1   | .6    | .6    | .4       | .1    |                                    |       |        |       |        |       |        | 30       | 30       | 153       |                    |       |       |  |
| 54/ 53      |                                     | .2  | .1  | .2  | .3  | .1   | .4    | .6    | .3       | .1    |                                    |       |        |       |        |       |        | 23       | 23       | 185       |                    |       |       |  |
| 52/ 51      |                                     | .1  |     | .2  | .4  | .5   | .2    | .6    | .1       |       |                                    |       |        |       |        |       |        | 19       | 19       | 158       |                    |       |       |  |
| 50/ 49      |                                     |     |     | .2  | .3  |      | .4    | .1    |          |       |                                    |       |        |       |        |       |        | 10       | 10       | 130       |                    |       |       |  |
| 48/ 47      |                                     |     |     |     | .2  | .2   | .3    | .1    |          |       |                                    |       |        |       |        |       |        | 8        | 8        | 88        |                    |       |       |  |
| 46/ 45      |                                     |     |     | .1  |     | .1   |       |       |          |       |                                    |       |        |       |        |       |        | 2        | 2        | 62        |                    |       |       |  |
| 44/ 43      |                                     |     |     |     | .1  | .1   | .3    | .1    |          |       |                                    |       |        |       |        |       |        | 6        | 6        | 40        |                    |       |       |  |
| 42/ 41      |                                     |     |     |     |     | .1   |       |       |          |       |                                    |       |        |       |        |       |        | 1        | 1        | 28        |                    |       |       |  |
| 40/ 39      |                                     |     |     |     |     | .2   |       |       |          |       |                                    |       |        |       |        |       |        | 2        | 2        | 15        |                    |       |       |  |
| 38/ 37      |                                     |     |     | .1  |     |      |       |       |          |       |                                    |       |        |       |        |       |        | 1        | 1        | 13        |                    |       |       |  |
| 36/ 35      |                                     |     |     |     | .1  |      |       |       |          |       |                                    |       |        |       |        |       |        | 1        | 1        | 5         |                    |       |       |  |
| 34/ 33      |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          | 2         |                    |       |       |  |
| 32/ 31      |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          | 7         |                    |       |       |  |
| 30/ 29      |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          | 1         |                    |       |       |  |
| 28/ 27      |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          | 1         |                    |       |       |  |
| Element (X) | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ X   |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Rel. Hum.   |                                     |     |     |     |     |      |       |       |          |       | ≤ 0 F                              |       | ≤ 32 F |       | ≥ 67 F |       | ≥ 73 F |          | ≥ 80 F   |           | ≥ 93 F             |       | Total |  |
| Dry Bulb    |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Wet Bulb    |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |
| Dew Point   |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |          |          |           |                    |       |       |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION N.

49-54, 61-64, 71-72

OCT  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

  CCT    
MONTH

PAGE 1 1200-1400  
HOURS (L S T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          |          | TOTAL     | TOTAL  |  |  |        |  |  |        |  |  |       |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|------|-----------|----------|----------|-----------|--------|--|--|--------|--|--|--------|--|--|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |        |  |  |        |  |  |        |  |  |       |  |  |
| 98/ 97       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       | .1                                 |      | 1         | 1        |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 96/ 95       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       | .2                                 | .1   | 3         | 3        |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 94/ 93       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       | .1    | .1                                 | .2   | 1.7       | 23       | 23       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 92/ 91       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       | .2    | .3                                 | 1.0  | 1.2       | 29       | 29       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 90/ 89       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       | 1.3                                | 1.4  | 1.3       | 43       | 43       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 88/ 87       |                                     |     |     |     |     |      |       |       |       |       |       |       |          | .1    | .5    | 1.7                                | 3.1  | 1.7       | 76       | 76       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 86/ 85       |                                     |     |     |     |     |      |       |       |       |       |       |       |          | .2    | 1.3   | 1.7                                | 2.8  | .7        | 72       | 72       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |       |       |       | .1    | .8       | 2.2   | 3.0   | 2.4                                | .1   | 94        | 94       |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |       |       | .2    | 1.0   | 1.5      | 2.1   | 2.5   | .4                                 |      | 83        | 84       |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       | .1    | .7    | 1.2   | 2.5      | 2.8   | .7    |                                    |      | 88        | 88       |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       | .1    | .3    | .5    | 1.2   | 1.9   | 1.2      | 2.2   | .5    |                                    |      | 85        | 85       |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       | .2    | .1    | 1.0   | 2.1   | 1.7   | 1.4      | 1.3   |       |                                    |      | 85        | 85       |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      | .1    | .3    | .7    | 2.0   | 1.7   | .7    | .6       | .3    |       |                                    |      | 70        | 70       |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      | .4    | .1    | 1.0   | .9    | .6    | .8    | .6       | .1    |       |                                    |      | 49        | 50       |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      | .3    | 1.4   | 1.1   | .8    | 1.2   | .9    | .1       |       |       |                                    |      | 63        | 63       |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 68/ 67       |                                     |     |     |     | .2  | .1   | .3    | 1.0   | .7    | 1.2   | 1.0   | .2    |          |       |       |                                    |      | 52        | 52       | 4        |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 66/ 65       |                                     |     |     | .2  | .2  | .4   | .6    | .8    | .7    | .9    | .2    |       |          |       |       |                                    |      | 43        | 43       | 3        |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 64/ 63       |                                     |     |     | .1  | .3  | .3   | .7    | .1    | .6    | .3    | .1    |       |          |       |       |                                    |      | 27        | 27       | 16       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 62/ 61       |                                     |     | .1  | .4  | .4  | .2   | .3    | .1    | .3    | .3    |       |       |          |       |       |                                    |      | 21        | 21       | 62       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 60/ 59       |                                     |     | .4  | .3  | .3  | .4   | .4    | .4    | .4    | .2    |       |       |          |       |       |                                    |      | 24        | 24       | 129      |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 58/ 57       | .1                                  | .4  | .1  |     | .1  | .3   | .5    | .5    | .2    | .2    |       |       |          |       |       |                                    |      | 24        | 24       | 175      |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 56/ 55       |                                     | .1  |     |     |     | .1   | .3    | .3    | .1    |       |       |       |          |       |       |                                    |      | 9         | 9        | 244      |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 54/ 53       |                                     |     |     | .1  | .1  |      | .2    | .2    |       |       |       |       |          |       |       |                                    |      | 6         | 6        | 149      |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 52/ 51       |                                     |     | .1  | .1  |     | .5   | .2    | .1    | .1    |       |       |       |          |       |       |                                    |      | 11        | 11       | 108      |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 50/ 49       |                                     |     |     |     |     |      | .2    |       |       |       |       |       |          |       |       |                                    |      | 2         | 2        | 64       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 48/ 47       |                                     |     | .1  | .1  |     | .1   | .1    |       |       |       |       |       |          |       |       |                                    |      | 4         | 4        | 48       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 46/ 45       | .1                                  |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      | 1         | 1        | 26       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          | 22       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          | 13       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          | 12       |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          | 6        |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          | 4        |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          | 1        |           |        |  |  |        |  |  |        |  |  |       |  |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          | 1        |           |        |  |  |        |  |  |        |  |  |       |  |  |
| Element (X)  | Σ x <sup>2</sup>                    |     |     | Σ x |     |      | X     |       |       | x     |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |      |           |          |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       | ≤ 0 F    |       |       | ≤ 32 F                             |      |           | ≥ 67 F   |          |           | ≥ 73 F |  |  | ≥ 80 F |  |  | ≥ 93 F |  |  | Total |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          |          |           |        |  |  |        |  |  |        |  |  |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |                                    |      |           |          |          |           |        |  |  |        |  |  |        |  |  |       |  |  |



## PSYCHROMETRIC SUMMARY

ECT  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 STATION PALMDALE APT CALIF

49-54,61-64,71-72

YEARS

ECT  
MONTH

PAGE 1 1500-1700  
HOURS (L, S, T)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  | TOTAL<br>D.B./W.B. | TOTAL    |          |           |
|-------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|--|--|--|--------------------|----------|----------|-----------|
|             | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12      | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31 |  |  |  |                    | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        | .1   |  |  |  | 1                  | 1        |          |           |
| 96/ 95      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        | .5   |  |  |  | 8                  | 8        |          |           |
| 94/ 93      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        | .1     |        |        | .2   |  |  |  | 10                 | 10       |          |           |
| 92/ 91      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        | .2     | .4     | .6     | 1.4  |  |  |  | 28                 | 28       |          |           |
| 90/ 89      |                                     |     |            |     |           |      |            |       |          |       |                                    | .1     | .1     | .1     | .8     | 1.0    | 1.5  |  |  |  | 39                 | 39       |          |           |
| 88/ 87      |                                     |     |            |     |           |      |            |       |          |       |                                    |        | .1     | .2     | 1.4    | .9     | 1.2  |  |  |  | 41                 | 41       |          |           |
| 86/ 85      |                                     |     |            |     |           |      |            |       |          |       |                                    | .1     | .1     | 1.0    | 1.7    | 1.3    | .7   |  |  |  | 54                 | 54       |          |           |
| 84/ 83      |                                     |     |            |     |           |      |            |       |          |       |                                    |        | .9     | 2.2    | 1.8    | 1.9    |      |  |  |  | 75                 | 75       |          |           |
| 82/ 81      |                                     |     |            |     |           |      |            |       |          |       |                                    | .6     | 1.6    | 2.0    | 1.6    | .2     |      |  |  |  | 67                 | 67       |          |           |
| 80/ 79      |                                     |     |            |     |           |      |            |       |          | .1    | .5                                 | 1.1    | 1.8    | 1.9    | 1.5    |        |      |  |  |  | 75                 | 75       |          |           |
| 78/ 77      |                                     |     |            |     |           |      |            |       |          | .6    | 1.0                                | 2.2    | 2.0    | 1.8    | .4     |        |      |  |  |  | 88                 | 88       |          |           |
| 76/ 75      |                                     |     |            |     |           |      |            | .1    | .4       | .7    | 2.2                                | 1.5    | 1.5    | 1.1    |        |        |      |  |  |  | 81                 | 91       |          |           |
| 74/ 73      |                                     |     |            |     |           |      |            | .3    | .9       | 1.1   | 1.9                                | .5     | 1.0    | .5     |        |        |      |  |  |  | 67                 | 67       |          |           |
| 72/ 71      |                                     |     |            |     |           | .1   | .2         | .7    | 1.6      | 1.6   | 1.0                                | .8     | .5     | .2     |        |        |      |  |  |  | 75                 | 75       |          |           |
| 70/ 69      |                                     |     |            |     |           | .1   | .5         | 1.1   | .9       | 1.3   | 1.5                                | 1.1    | .2     |        |        |        |      |  |  |  | 73                 | 73       |          |           |
| 68/ 67      |                                     |     |            |     | .3        | .4   | .5         | .8    | .8       | 1.2   | .8                                 | .5     |        |        |        |        |      |  |  |  | 58                 | 98       | 4        |           |
| 66/ 65      |                                     |     | .1         | .3  | .7        | 1.0  | .8         | .5    | .7       | .9    | .3                                 |        |        |        |        |        |      |  |  |  | 59                 | 59       | 5        |           |
| 64/ 63      |                                     |     | .2         | .4  | .6        | .5   | .6         | .3    | .4       | .2    |                                    |        |        |        |        |        |      |  |  |  | 34                 | 34       | 12       |           |
| 62/ 61      |                                     | .2  | .2         | .5  | .6        | .5   | .3         | .4    | .5       | .2    |                                    |        |        |        |        |        |      |  |  |  | 37                 | 37       | 39       |           |
| 60/ 59      |                                     | .2  | .1         | 1.3 | .4        | .2   | 1.0        | .3    | .3       | .4    |                                    |        |        |        |        |        |      |  |  |  | 44                 | 44       | 109      |           |
| 58/ 57      |                                     |     | .4         | .5  | .3        | .3   | .5         | .4    |          | .2    |                                    |        |        |        |        |        |      |  |  |  | 26                 | 26       | 172      |           |
| 56/ 55      |                                     | .1  | .2         | .1  | .3        | .1   | .3         | .1    | .3       |       |                                    |        |        |        |        |        |      |  |  |  | 16                 | 16       | 204      |           |
| 54/ 53      |                                     |     |            | .1  | .1        | .3   | .2         | .4    |          |       |                                    |        |        |        |        |        |      |  |  |  | 11                 | 11       | 182      | 18        |
| 52/ 51      |                                     | .1  | .1         | .2  | .2        | .2   | .1         | .1    |          |       |                                    |        |        |        |        |        |      |  |  |  | 10                 | 10       | 127      | 17        |
| 50/ 49      |                                     | .1  |            |     | .1        | .3   | .4         | .2    |          |       |                                    |        |        |        |        |        |      |  |  |  | 11                 | 11       | 78       | 23        |
| 48/ 47      |                                     | .3  | .2         | .1  |           |      |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  | 6                  | 6        | 56       | 54        |
| 46/ 45      |                                     |     |            |     | .1        | .1   |            | .1    |          |       |                                    |        |        |        |        |        |      |  |  |  | 3                  | 3        | 36       | 49        |
| 44/ 43      |                                     |     |            |     |           | .1   |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  | 1                  | 1        | 24       | 77        |
| 42/ 41      |                                     |     |            |     |           | .1   |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  | 1                  | 1        | 20       | 74        |
| 40/ 39      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  |                    |          | 10       | 111       |
| 38/ 37      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  |                    |          | 12       | 91        |
| 36/ 35      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  |                    |          | 3        | 72        |
| 34/ 33      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  |                    |          | 3        | 77        |
| 32/ 31      |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  |                    |          | 2        | 65        |
| Element (X) | $\Sigma X^2$                        |     | $\Sigma X$ |     | $\bar{X}$ |      | $\sigma_x$ |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |      |  |  |  |                    |          | Total    |           |
| Rel. Hum.   |                                     |     |            |     |           |      |            |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |      |  |  |  |                    |          |          |           |
| Dry Bulb    |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  |                    |          |          |           |
| Wet Bulb    |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  |                    |          |          |           |
| Dew Point   |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |  |  |  |                    |          |          |           |



0477 54321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

CCT  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

49-54,61-64,71-72  
YEARS

CCT  
MONTH

PAGE 1 1800-2000  
HOURS (L, S, T)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        | TOTAL | TOTAL     |          |          |           |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87       |                                     |     |     |     |     |      |                |       |          |       |                                    |        | .1     | .1     | .1     |        |       | 3         | 3        |          |           |
| 86/ 85       |                                     |     |     |     |     |      |                |       |          |       |                                    | .1     | .1     | .1     |        |        |       | 3         | 3        |          |           |
| 84/ 83       |                                     |     |     |     |     |      |                |       |          |       | .2                                 | .1     | .2     | .2     | .1     |        |       | 8         | 8        |          |           |
| 82/ 81       |                                     |     |     |     |     |      |                |       |          | .1    | .3                                 | .1     | .5     | .5     | .1     |        |       | 16        | 16       |          |           |
| 80/ 79       |                                     |     |     |     |     |      |                |       |          |       | .2                                 | .3     | .7     | .1     | .1     |        |       | 15        | 15       |          |           |
| 78/ 77       |                                     |     |     |     |     |      |                |       | .1       | .2    | .5                                 | .8     | .4     | .3     |        |        |       | 25        | 25       |          |           |
| 76/ 75       |                                     |     |     |     |     |      |                |       | .2       | .1    | 1.5                                | 1.0    | .9     | .1     |        |        |       | 42        | 42       |          |           |
| 74/ 73       |                                     |     |     |     |     |      |                | .3    | .6       | .6    | 1.1                                | 1.3    | .6     |        |        |        |       | 50        | 50       |          |           |
| 72/ 71       |                                     |     |     |     |     |      |                | .3    | .9       | 1.3   | 1.2                                | .8     | .2     |        |        |        |       | 51        | 51       |          |           |
| 70/ 69       |                                     |     |     |     |     |      | .3             | .6    | 1.5      | 1.5   | 2.8                                | .5     |        |        |        |        |       | 80        | 80       |          |           |
| 68/ 67       |                                     |     |     |     |     | .2   | .7             | .9    | 2.2      | 1.6   | 1.3                                | .4     |        |        |        |        |       | 80        | 80       |          |           |
| 66/ 65       |                                     |     |     |     | .2  | .4   | .8             | 1.2   | 2.0      | 1.6   | .8                                 | .3     |        |        |        |        |       | 80        | 80       |          |           |
| 64/ 63       |                                     |     |     | .5  |     | 1.7  | 1.2            | 2.0   | 1.7      | 1.4   | .1                                 |        |        |        |        |        |       | 94        | 94       | 6        |           |
| 62/ 61       |                                     |     |     | 1.4 | 1.5 | .6   | 1.5            | 1.5   | 2.8      | .5    | .2                                 |        |        |        |        |        |       | 110       | 110      | 6        |           |
| 60/ 59       |                                     |     | .7  | .8  | 1.2 | 1.4  | 1.2            | .9    | 1.4      | .3    | .1                                 |        |        |        |        |        |       | 87        | 87       | 17       |           |
| 58/ 57       |                                     | .2  | .3  | 1.5 | 1.9 | 1.4  | 1.3            | 1.3   | 1.5      | .2    | .1                                 |        |        |        |        |        |       | 104       | 104      | 32       |           |
| 56/ 55       |                                     | .2  | .2  | 1.6 | 1.3 | 1.1  | .5             | 1.2   | .4       | .2    |                                    |        |        |        |        |        |       | 72        | 72       | 119      | 4         |
| 54/ 53       |                                     |     | .4  | .3  | .7  | .9   | .5             | 1.3   | .4       |       |                                    |        |        |        |        |        |       | 49        | 49       | 123      | 26        |
| 52/ 51       |                                     |     | .2  | .4  | .3  | .5   | 2.1            | .5    |          |       |                                    |        |        |        |        |        |       | 43        | 43       | 155      | 22        |
| 50/ 49       |                                     |     | .2  | .3  | .4  | .8   | .4             | .1    |          |       |                                    |        |        |        |        |        |       | 20        | 20       | 166      | 28        |
| 48/ 47       |                                     |     | .2  | .4  |     | .8   | .3             | .1    |          |       |                                    |        |        |        |        |        |       | 19        | 19       | 124      | 59        |
| 46/ 45       |                                     | .1  | .1  |     | .4  | .5   | .4             | .1    |          |       |                                    |        |        |        |        |        |       | 16        | 16       | 94       | 74        |
| 44/ 43       |                                     |     | .1  | .2  | .3  | .5   | .2             |       |          |       |                                    |        |        |        |        |        |       | 13        | 13       | 65       | 60        |
| 42/ 41       |                                     | .1  | .1  |     | .3  | .2   |                | .2    |          |       |                                    |        |        |        |        |        |       | 9         | 9        | 50       | 53        |
| 40/ 39       |                                     |     | .1  |     | .3  | .1   | .1             |       |          |       |                                    |        |        |        |        |        |       | 6         | 6        | 46       | 105       |
| 38/ 37       |                                     | .1  |     |     |     | .1   |                |       |          |       |                                    |        |        |        |        |        |       | 2         | 2        | 30       | 91        |
| 36/ 35       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          | 14       | 74        |
| 34/ 33       |                                     |     |     |     |     | .1   |                |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 9        | 65        |
| 32/ 31       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          | 6        | 70        |
| 30/ 29       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          | 2        | 63        |
| 28/ 27       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          | 3        | 57        |
| 26/ 25       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          | 1        | 64        |
| 24/ 23       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 50        |
| 22/ 21       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 24        |
| Element (X)  | Σx <sup>2</sup>                     |     | Σx  |     | X̄  |      | s <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |
| Rel. Hum.    |                                     |     |     |     |     |      |                |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |
| Dry Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |
| Wet Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |
| Dew Point    |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

**23182**  
STATION

PALMDALE APT CALIF

49-54, 61-64, 71-72

25

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23102 PALMDALE APT CALIF

49-54,61-64,71-72

CCY

PAGE 1 2100-2300  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           | TOTAL |       | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|-------|-------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |                |       |          |       | .1                                 |        |        |        |        |        |      | 1         | 1        |          |           |       |       |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      |                |       | .1       | .1    | .2                                 |        |        |        |        |        |      | 4         | 4        |          |           |       |       |       |  |  |
| 76/ 73       |                                     |     |     |     |     |      |                |       | .5       | .1    |                                    | .2     |        |        |        |        |      | 9         | 8        |          |           |       |       |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      |                | .1    | .3       | .5    | .4                                 | .1     |        |        |        |        |      | 15        | 15       |          |           |       |       |       |  |  |
| 72/ 71       |                                     |     |     |     |     | .1   |                | .4    | .1       | .2    | 1.0                                |        |        |        |        |        |      | 19        | 19       |          |           |       |       |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      | .1             | .4    | .8       | 1.3   | .3                                 |        |        |        |        |        |      | 31        | 31       |          |           |       |       |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      | .4             | .8    | .6       | 1.3   | .5                                 |        |        |        |        |        |      | 39        | 39       |          |           |       |       |       |  |  |
| 66/ 65       |                                     |     |     |     |     | .1   | 1.0            | 1.1   | 1.5      | .8    | .2                                 |        |        |        |        |        |      | 52        | 52       |          |           |       |       |       |  |  |
| 64/ 63       |                                     |     |     |     | .4  | .6   | .8             | 1.4   | 1.8      | .9    | .2                                 |        |        |        |        |        |      | 67        | 67       |          |           |       |       |       |  |  |
| 62/ 61       |                                     |     |     | .5  | 1.0 | 1.1  | 1.5            | 1.7   | 1.5      | .8    | .1                                 |        |        |        |        |        |      | 92        | 92       | 3        |           |       |       |       |  |  |
| 60/ 59       |                                     |     | .4  | .5  | .9  | 1.5  | 1.2            | 1.7   | 1.3      | .4    |                                    |        |        |        |        |        |      | 87        | 87       | 10       |           |       |       |       |  |  |
| 58/ 57       | .1                                  | .5  | 1.5 | .8  | 1.2 | 1.4  | 1.4            | 1.4   | .7       | .2    |                                    |        |        |        |        |        |      | 99        | 99       | 10       |           |       |       |       |  |  |
| 56/ 55       |                                     | .4  | 1.1 | 2.8 | 1.2 | 3.4  | 1.4            | 1.4   | .4       |       |                                    |        |        |        |        |        |      | 131       | 131      | 50       | 5         |       |       |       |  |  |
| 54/ 53       |                                     | .1  | 1.2 | 1.4 | 2.5 | 1.5  | 2.1            | 1.1   | .2       |       |                                    |        |        |        |        |        |      | 109       | 109      | 87       | 13        |       |       |       |  |  |
| 52/ 51       |                                     | .5  | 1.1 | 1.4 | 1.2 | 1.7  | 1.5            | .7    | .1       |       |                                    |        |        |        |        |        |      | 89        | 89       | 110      | 33        |       |       |       |  |  |
| 50/ 49       |                                     | .2  | 1.0 | .6  | 1.5 | 1.5  | 1.3            | .6    |          |       |                                    |        |        |        |        |        |      | 75        | 75       | 135      | 24        |       |       |       |  |  |
| 48/ 47       |                                     | .2  | .3  | .4  | .6  | 1.5  | .5             |       |          |       |                                    |        |        |        |        |        |      | 38        | 38       | 138      | 53        |       |       |       |  |  |
| 46/ 45       |                                     | .2  | .1  | .5  | .8  | 2.2  | .5             | .1    |          |       |                                    |        |        |        |        |        |      | 49        | 49       | 140      | 65        |       |       |       |  |  |
| 44/ 43       |                                     | .1  |     | .1  | .5  | 1.0  |                |       |          |       |                                    |        |        |        |        |        |      | 18        | 18       | 94       | 70        |       |       |       |  |  |
| 42/ 41       |                                     | .4  | .4  | .5  | 1.3 | .6   |                | .2    |          |       |                                    |        |        |        |        |        |      | 37        | 37       | 96       | 74        |       |       |       |  |  |
| 40/ 39       |                                     |     | .3  | .6  | .5  | .4   | .1             |       |          |       |                                    |        |        |        |        |        |      | 21        | 21       | 61       | 65        |       |       |       |  |  |
| 38/ 37       |                                     | .1  | .1  | .3  | .4  | .1   | .1             |       |          |       |                                    |        |        |        |        |        |      | 11        | 11       | 52       | 92        |       |       |       |  |  |
| 36/ 35       |                                     | .2  |     |     | .2  |      |                |       |          |       |                                    |        |        |        |        |        |      | 4         | 4        | 48       | 80        |       |       |       |  |  |
| 34/ 33       |                                     | .1  | .1  | .1  |     |      |                |       |          |       |                                    |        |        |        |        |        |      | 3         | 3        | 36       | 79        |       |       |       |  |  |
| 32/ 31       |                                     |     |     | .1  | .1  |      |                |       |          |       |                                    |        |        |        |        |        |      | 2         | 2        | 18       | 72        |       |       |       |  |  |
| 30/ 29       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          | 6        | 69        |       |       |       |  |  |
| 28/ 27       |                                     |     |     | .1  |     |      |                |       |          |       |                                    |        |        |        |        |        |      | 1         | 1        | 5        | 56        |       |       |       |  |  |
| 26/ 25       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          | 1        | 51        |       |       |       |  |  |
| 24/ 23       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          | 2        | 51        |       |       |       |  |  |
| 22/ 21       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 36        |       |       |       |  |  |
| 20/ 19       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 25        |       |       |       |  |  |
| 18/ 17       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |       |       |  |  |
| 16/ 15       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |       |       |  |  |
| 14/ 13       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |       |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | X̄  |      | σ <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |      |           |          |          |           |       | Total |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |                |       |          |       | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |      |           |          |          |           |       |       |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |       |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |       |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |       |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

OCT  
MONTH

2100-2300  
HOURS (L. S. T.)

[illegible]



1

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

NOV  
MONTH

YEARS

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          | TOTAL     | TOTAL |       |  |
|-------------|-------------------------------------|-------|------------|-------|-----------|--------|---------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|--------|-----------|----------|----------|-----------|-------|-------|--|
|             | 0                                   | 1 - 2 | 3 - 4      | 5 - 6 | 7 - 8     | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20                            | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |
| 62/ 61      |                                     |       |            |       |           |        | .2      |         | .1       |         |                                    |         |         |         |         |         |        | 3         | 3        |          |           |       |       |  |
| 60/ 59      |                                     |       | .3         |       | .1        |        | .1      | .3      | .2       |         |                                    |         |         |         |         |         |        | 10        | 10       |          |           |       |       |  |
| 58/ 57      |                                     |       | .4         |       | .2        |        | .3      | .3      |          |         |                                    |         |         |         |         |         |        | 14        | 14       | 1        |           |       |       |  |
| 56/ 55      |                                     | .1    | .4         | .3    | .3        | .5     | .2      |         | .3       |         |                                    |         |         |         |         |         |        | 28        | 28       | 2        |           |       |       |  |
| 54/ 53      |                                     | .3    | .9         | .8    | 1.1       | .4     | .3      | .4      | .2       |         |                                    |         |         |         |         |         |        | 52        | 52       | 8        | 3         |       |       |  |
| 52/ 51      |                                     | .7    | .7         | 1.5   | .2        | .6     | .9      | .3      |          |         |                                    |         |         |         |         |         |        | 57        | 57       | 8        | 6         |       |       |  |
| 50/ 49      | .1                                  | .4    | 1.9        | 1.3   | .7        | 1.2    | .6      | .1      |          |         |                                    |         |         |         |         |         |        | 73        | 74       | 33       | 10        |       |       |  |
| 48/ 47      |                                     | .9    | 1.9        | 1.3   | 1.2       | 1.0    | .4      | .1      |          |         |                                    |         |         |         |         |         |        | 79        | 79       | 30       | 14        |       |       |  |
| 46/ 45      | .1                                  | 1.0   | 1.9        | 2.1   | 1.2       | 1.7    | .3      | .3      |          |         |                                    |         |         |         |         |         |        | 100       | 100      | 85       | 24        |       |       |  |
| 44/ 43      |                                     | .8    | 1.6        | 3.1   | 1.2       | .5     | .2      | .2      |          |         |                                    |         |         |         |         |         |        | 88        | 88       | 68       | 31        |       |       |  |
| 42/ 41      |                                     | 1.5   | 3.9        | 2.5   | 1.2       | 1.1    | .3      |         |          |         |                                    |         |         |         |         |         |        | 122       | 122      | 70       | 55        |       |       |  |
| 40/ 39      | .1                                  | 1.5   | 4.0        | 2.2   | 2.1       | 1.2    | .3      |         |          |         |                                    |         |         |         |         |         |        | 132       | 132      | 127      | 53        |       |       |  |
| 38/ 37      |                                     | 2.5   | 2.2        | 3.4   | 1.3       | .3     | .1      |         |          |         |                                    |         |         |         |         |         |        | 113       | 113      | 130      | 59        |       |       |  |
| 36/ 35      | .3                                  | 1.8   | 1.5        | 2.1   | .9        | .1     | .1      |         |          |         |                                    |         |         |         |         |         |        | 78        | 78       | 142      | 71        |       |       |  |
| 34/ 33      | .2                                  | 2.0   | 1.8        | 1.2   | .9        |        |         |         |          |         |                                    |         |         |         |         |         |        | 70        | 70       | 97       | 90        |       |       |  |
| 32/ 31      | .3                                  | 2.1   | 1.1        | 1.2   | .2        |        |         |         |          |         |                                    |         |         |         |         |         |        | 56        | 56       | 127      | 114       |       |       |  |
| 30/ 29      | .5                                  | 1.4   | .6         | .6    | .1        |        |         |         |          |         |                                    |         |         |         |         |         |        | 37        | 37       | 98       | 101       |       |       |  |
| 28/ 27      | .1                                  | .6    | .4         | .2    |           |        |         |         |          |         |                                    |         |         |         |         |         |        | 15        | 15       | 52       | 92        |       |       |  |
| 26/ 25      | .1                                  | .8    | .4         | .2    |           |        |         |         |          |         |                                    |         |         |         |         |         |        | 17        | 17       | 39       | 77        |       |       |  |
| 24/ 23      | .2                                  | .3    | .1         | .2    |           |        |         |         |          |         |                                    |         |         |         |         |         |        | 9         | 9        | 23       | 65        |       |       |  |
| 22/ 21      |                                     |       | .1         |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        | 1         | 1        | 7        | 60        |       |       |  |
| 20/ 19      |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          | 4        | 59        |       |       |  |
| 18/ 17      |                                     | .3    |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        | 3         | 3        | 2        | 45        |       |       |  |
| 16/ 15      |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          | 3        | 27        |       |       |  |
| 14/ 13      |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 25        |       |       |  |
| 12/ 11      | .1                                  | .2    |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        | 3         | 3        | 3        | 20        |       |       |  |
| 10/ 9       | .2                                  | .1    |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        | 3         | 3        | 3        | 10        |       |       |  |
| 8/ 7        |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 10        |       |       |  |
| 6/ 5        |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 10        |       |       |  |
| 4/ 3        |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 2         |       |       |  |
| 2/ 1        |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 2         |       |       |  |
| 0/ -1       |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 1         |       |       |  |
| -2/ -3      |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 1         |       |       |  |
| -4/ -5      |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          | 3         |       |       |  |
| Element (X) | $\Sigma x^2$                        |       | $\Sigma x$ |       | $\bar{x}$ |        | $s_x$   |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |         |        |           |          |          |           |       |       |  |
| Rel. Hum.   |                                     |       |            |       |           |        |         |         |          |         | ≤ 0 F                              |         | ≤ 32 F  |         | ≥ 67 F  |         | ≥ 73 F |           | ≥ 80 F   |          | ≥ 93 F    |       | Total |  |
| Dry Bulb    |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |
| Wet Bulb    |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |
| Dew Point   |                                     |       |            |       |           |        |         |         |          |         |                                    |         |         |         |         |         |        |           |          |          |           |       |       |  |



## PSYCHROMETRIC SUMMARY

48-54, 61-64, 71-72

**PAGE 2**

0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | TOTAL     | TOTAL    |          |           |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -8/-9        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
| TOTAL        | 2.1                                 | 19.2  | 26.1  | 24.1  | 12.6  | 8.6    | 4.6     | 2.0     | .7      |         |         |         |         |         |         |         |      | 1163      | 1164     |          | 11.3      |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |

USAFETAC FORM 0-26-3 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

48-54,61-64,71-72  
YEARS

MONTH

PAGE 1 0300-0500  
HOURS (L. S. Y.)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | TOTAL     | TOTAL |  |  |
|-------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 64/ 63      |                                     |     |     |     |     |      |                | .1    |          |       |                                    |        |        |        |        |        |       | 1         | 1        |          |           |       |  |  |
| 62/ 61      |                                     |     |     |     |     |      |                | .1    |          |       |                                    |        |        |        |        |        |       | 1         | 1        |          |           |       |  |  |
| 60/ 59      |                                     |     | .1  |     |     | .2   | .2             | .1    | .3       |       |                                    |        |        |        |        |        |       | 9         | 9        |          |           |       |  |  |
| 58/ 57      |                                     | .1  | .5  | .1  | .3  | .1   |                | .1    |          |       |                                    |        |        |        |        |        |       | 13        | 13       |          |           |       |  |  |
| 56/ 55      |                                     | .1  | .3  | .2  | .1  | .3   | .2             | .3    | .1       |       |                                    |        |        |        |        |        |       | 17        | 17       | 2        |           |       |  |  |
| 54/ 53      |                                     |     | .5  | .6  | .6  | .4   | .4             | .3    | .1       |       |                                    |        |        |        |        |        |       | 34        | 34       | 12       |           |       |  |  |
| 52/ 51      |                                     | .4  | .9  | 1.2 | .4  | .2   | .4             |       | .1       |       |                                    |        |        |        |        |        |       | 42        | 42       | 3        |           |       |  |  |
| 50/ 49      |                                     | .8  | 1.7 | 1.0 | .5  | .7   | .7             | .1    | .1       |       |                                    |        |        |        |        |        |       | 65        | 65       | 28       |           |       |  |  |
| 48/ 47      |                                     | .7  | 1.9 | 1.0 | .6  | .9   | .3             |       |          |       |                                    |        |        |        |        |        |       | 62        | 62       | 33       |           |       |  |  |
| 46/ 45      |                                     | .8  | 2.2 | 1.1 | 1.4 | .7   | .2             |       |          |       |                                    |        |        |        |        |        |       | 74        | 74       | 56       | 20        |       |  |  |
| 44/ 43      | .1                                  | .8  | 1.8 | 1.1 | .7  | .7   |                | .1    |          |       |                                    |        |        |        |        |        |       | 61        | 61       | 58       | 3         |       |  |  |
| 42/ 41      |                                     | 1.4 | 2.1 | 2.2 | 1.3 | .9   | .3             |       |          |       |                                    |        |        |        |        |        |       | 96        | 96       | 62       | 3         |       |  |  |
| 40/ 39      | .2                                  | 1.8 | 3.6 | 2.2 | 1.4 | .4   | .3             |       |          |       |                                    |        |        |        |        |        |       | 114       | 114      | 91       | 13        |       |  |  |
| 38/ 37      | .1                                  | 2.7 | 3.5 | 2.0 | 2.0 | .1   |                |       |          |       |                                    |        |        |        |        |        |       | 120       | 120      | 100      | 50        |       |  |  |
| 36/ 35      | .3                                  | 3.3 | 3.0 | 2.6 | .8  | .1   |                |       |          |       |                                    |        |        |        |        |        |       | 117       | 117      | 126      | 61        |       |  |  |
| 34/ 33      | .2                                  | 2.6 | 1.5 | 2.5 | .7  | .2   |                |       |          |       |                                    |        |        |        |        |        |       | 88        | 90       | 132      | 70        |       |  |  |
| 32/ 31      | .5                                  | 3.7 | 1.1 | 1.1 | .3  |      |                |       |          |       |                                    |        |        |        |        |        |       | 78        | 78       | 113      | 102       |       |  |  |
| 30/ 29      | .8                                  | 2.1 | 1.2 | 1.3 |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 62        | 62       | 124      | 111       |       |  |  |
| 28/ 27      | .5                                  | 1.8 | .8  | .3  |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 40        | 40       | 84       | 97        |       |  |  |
| 26/ 25      | .3                                  | 1.1 | .3  | .2  |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 22        | 22       | 58       | 90        |       |  |  |
| 24/ 23      | .3                                  | .8  | .4  |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 17        | 17       | 35       | 76        |       |  |  |
| 22/ 21      | .5                                  | .2  | .5  | .1  |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 15        | 15       | 20       | 50        |       |  |  |
| 20/ 19      |                                     |     | .1  |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 6        | 42        |       |  |  |
| 18/ 17      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           | 1        | 1        | 8         | 63    |  |  |
| 16/ 15      | .3                                  |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 3         | 3        | 3        | 30        |       |  |  |
| 14/ 13      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 24        |       |  |  |
| 12/ 11      | .1                                  |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 1        | 20        |       |  |  |
| 10/ 9       | .3                                  |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 3         | 3        | 3        | 7         |       |  |  |
| 8/ 7        | .1                                  |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 1        | 17        |       |  |  |
| 6/ 5        | .1                                  |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 1        | 11        |       |  |  |
| 4/ 3        |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 0         |       |  |  |
| 2/ 1        |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 0         |       |  |  |
| 0/ -1       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 0         |       |  |  |
| -2/ -3      |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 0         |       |  |  |
| Element (X) | Σ X <sup>2</sup>                    |     | Σ X |     | X̄  |      | s <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Rel. Hum.   |                                     |     |     |     |     |      |                |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |       |  |  |
| Dry Bulb    |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Wet Bulb    |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Dew Point   |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

NOV  
MONTH

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

48-54, 61-64, 71-72  
YEARS

ADJ  
MONTH

PAGE 1 1600-0600  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | TOTAL     | TOTAL |       |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|-------|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20    | 21-22 | 23-24                              | 25-26  | 27-28  | 29-30  | ≥ 31   | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       | .1    | .1       |       |                                    |        |        |        |        | 2         | 2        |          |           |       |       |  |
| 66/ 65       |                                     |     |     |     | .2  |      |       | .1    |       | .1    |          |       |                                    |        |        |        |        | 4         | 4        |          |           |       |       |  |
| 64/ 63       |                                     |     |     |     |     |      |       | .1    |       |       |          |       |                                    |        |        |        |        | 1         | 1        |          |           |       |       |  |
| 62/ 61       |                                     |     |     | .1  | .1  | .1   | .1    | .1    | .3    | .1    |          |       |                                    |        |        |        |        | 9         | 9        |          |           |       |       |  |
| 60/ 59       |                                     |     | .3  | .1  | .2  | .3   | .3    | .2    | .5    | .1    |          |       |                                    |        |        |        |        | 21        | 21       | 7        |           |       |       |  |
| 58/ 57       |                                     | .1  | .3  | .4  | .4  | .7   | .3    |       |       | .1    |          |       |                                    |        |        |        |        | 28        | 28       |          |           |       |       |  |
| 56/ 55       |                                     | .1  | .3  | .3  | 1.0 | .3   | .7    | .5    | .1    | .1    |          |       |                                    |        |        |        |        | 39        | 39       | 6        | 1         |       |       |  |
| 54/ 53       |                                     | .1  | .3  | 1.0 | .9  | .3   | 1.0   | .4    |       | .1    |          |       |                                    |        |        |        |        | 47        | 47       | 9        | 6         |       |       |  |
| 52/ 51       |                                     | .3  | .7  | 1.6 | .9  | 1.2  | .5    | .3    |       |       |          |       |                                    |        |        |        |        | 63        | 63       | 14       | 7         |       |       |  |
| 50/ 49       | .2                                  | .7  | 1.9 | 1.4 | 1.6 | 1.5  | .8    | .1    | .1    |       |          |       |                                    |        |        |        |        | 95        | 95       | 22       | 7         |       |       |  |
| 48/ 47       |                                     | .2  | 1.6 | 1.6 | 1.4 | 1.5  | .7    | .3    |       |       |          |       |                                    |        |        |        |        | 84        | 84       | 51       | 3         |       |       |  |
| 46/ 45       | .3                                  | .6  | 1.3 | 1.1 | .6  | 1.0  | .2    | .1    |       |       |          |       |                                    |        |        |        |        | 60        | 60       | 80       | 20        |       |       |  |
| 44/ 43       |                                     | .4  | 1.6 | 1.6 | .9  | 1.0  | .2    | .1    |       |       |          |       |                                    |        |        |        |        | 66        | 66       | 83       | 24        |       |       |  |
| 42/ 41       | .1                                  | 1.4 | 2.3 | 1.6 | 1.1 | .6   | .3    |       |       |       |          |       |                                    |        |        |        |        | 86        | 86       | 82       | 29        |       |       |  |
| 40/ 39       |                                     | 2.3 | 2.1 | 1.7 | 1.3 | .6   |       |       |       |       |          |       |                                    |        |        |        |        | 92        | 92       | 99       | 69        |       |       |  |
| 38/ 37       | .2                                  | 1.9 | 3.0 | 1.6 | 1.0 | .1   |       |       |       |       |          |       |                                    |        |        |        |        | 90        | 90       | 118      | 56        |       |       |  |
| 36/ 35       |                                     | 2.8 | 2.1 | 1.6 | .6  | .3   |       |       |       |       |          |       |                                    |        |        |        |        | 85        | 85       | 86       | 62        |       |       |  |
| 34/ 33       | .4                                  | 3.5 | 2.0 | 1.8 | .4  |      |       |       |       |       |          |       |                                    |        |        |        |        | 94        | 95       | 129      | 92        |       |       |  |
| 32/ 31       | .6                                  | 2.2 | 1.5 | .7  |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 57        | 57       | 125      | 111       |       |       |  |
| 30/ 29       | .3                                  | 1.8 | .9  | .2  | .2  |      |       |       |       |       |          |       |                                    |        |        |        |        | 38        | 38       | 73       | 97        |       |       |  |
| 28/ 27       | .3                                  | 1.6 | 1.0 | .4  |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 38        | 38       | 73       | 99        |       |       |  |
| 26/ 25       | .5                                  | 1.0 | .4  | .4  |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 27        | 27       | 40       | 78        |       |       |  |
| 24/ 23       | .2                                  | .8  | .2  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 13        | 13       | 26       | 80        |       |       |  |
| 22/ 21       | .2                                  | .3  | .2  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 7         | 7        | 20       | 60        |       |       |  |
| 20/ 19       |                                     |     | .1  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 1         | 1        | 5        | 64        |       |       |  |
| 18/ 17       |                                     | .1  |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 1         | 1        | 3        | 42        |       |       |  |
| 16/ 15       | .1                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 2         | 2        | 2        | 37        |       |       |  |
| 14/ 13       | .1                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 1         | 1        | 2        | 20        |       |       |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 19        |       |       |  |
| 10/ 9        | .2                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 2         | 2        | 2        | 11        |       |       |  |
| 8/ 7         | .2                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 2         | 2        | 2        | 7         |       |       |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          | 12        |       |       |  |
| 4/ 3         |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |       |       |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |       |       |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ     |       | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |           |          |          |           |       | Total |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |          |       | ≤ 0 F                              | ≤ 32 F | > 67 F | < 73 F | ≥ 80 F | < 93 F    |          |          | Total     |       |       |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |       |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |       |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |       |       |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

48-54, 61-64, 71-72 YEARS

NOV  
MONTH

PAGE 2 0600-0800  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

MCNTH

PAGE 1 C900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

23182                      PALMDALE APT CALIF  
STATION                      STATION NAME

48-54, 61-64, 71-72

1.00  
MONTH

PAGE 2

C900-1100  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

48-54,61-64,71-72

MONTH

PAGE 1

1200-1400  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12      | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 84/ 83       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        | .1     |        |        |      | 1         | 1        |          |           |       |  |  |
| 82/ 81       |                                     |     |            |     |           |      |            |       |          |       |                                    |        | .2     | .2     | .6     |        | .1   | 12        | 12       |          |           |       |  |  |
| 80/ 79       |                                     |     |            |     |           |      |            |       |          |       |                                    | .2     | .6     | .1     | .3     | .2     |      | 15        | 15       |          |           |       |  |  |
| 78/ 77       |                                     |     |            |     |           |      |            |       |          |       | .3                                 | 1.0    | 1.0    | .9     | .2     | .1     |      | 42        | 42       |          |           |       |  |  |
| 76/ 75       |                                     |     |            |     |           |      |            | .1    |          | .1    | .3                                 | 1.5    | 1.4    | .7     | .1     |        |      | 47        | 47       |          |           |       |  |  |
| 74/ 73       |                                     |     |            |     |           |      | .2         |       |          | .3    | .7                                 | 2.2    | .7     | .3     |        |        |      | 49        | 49       |          |           |       |  |  |
| 72/ 71       |                                     |     |            |     |           |      | .3         |       | .5       | 1.3   | 2.5                                | 1.6    | 1.0    | .3     |        |        |      | 87        | 87       |          |           |       |  |  |
| 70/ 69       |                                     |     |            |     |           |      |            | .4    | 1.1      | 1.8   | 2.5                                | 2.3    | .4     | .2     |        |        |      | 102       | 102      |          |           |       |  |  |
| 68/ 67       |                                     |     |            |     | .1        |      | .3         | .7    | 1.1      | 1.7   | 2.9                                | 1.4    | .4     |        |        |        |      | 100       | 100      |          |           |       |  |  |
| 66/ 65       |                                     |     |            |     | .2        |      | 1.1        | 1.7   | 1.8      | 1.5   | 1.8                                | .7     | .2     |        |        |        |      | 105       | 105      |          |           |       |  |  |
| 64/ 63       |                                     |     |            |     |           | .5   | .8         | 1.1   | 1.5      | .8    | 1.0                                | .3     |        |        |        |        |      | 69        | 69       |          |           |       |  |  |
| 62/ 61       |                                     |     | .2         | .1  | .3        | .4   | 1.1        | 1.4   | 1.6      | 1.6   | .4                                 | .1     |        |        |        |        |      | 84        | 84       | 5        |           |       |  |  |
| 60/ 59       |                                     |     |            | .2  | .4        | .7   | 1.5        | 1.2   | 1.2      | .7    | .5                                 | .1     |        |        |        |        |      | 76        | 76       | 4        |           |       |  |  |
| 58/ 57       |                                     | .1  | .2         | .2  | .6        | 1.0  | 1.5        | 1.1   | 1.0      | .5    | .3                                 |        |        |        |        |        |      | 76        | 76       | 24       |           |       |  |  |
| 56/ 55       |                                     | .3  | .1         | .4  | .7        | 1.8  | 1.4        | 1.3   | 1.5      | .3    |                                    |        |        |        |        |        |      | 90        | 90       | 52       | 5         |       |  |  |
| 54/ 53       |                                     | .1  | .3         | .3  | .8        | .6   | .3         | 1.2   | .8       | .2    |                                    |        |        |        |        |        |      | 54        | 54       | 119      | 12        |       |  |  |
| 52/ 51       |                                     | .1  | .3         | .7  | .6        | .9   | .9         | .5    | .3       |       |                                    |        |        |        |        |        |      | 49        | 49       | 157      | 4         |       |  |  |
| 50/ 49       |                                     | .2  | .1         | .3  | .7        | .3   | 1.0        | .3    | .1       |       |                                    |        |        |        |        |        |      | 34        | 34       | 186      | 6         |       |  |  |
| 48/ 47       |                                     | .3  |            | .1  | .3        | .5   | .5         | .1    |          |       |                                    |        |        |        |        |        |      | 21        | 21       | 163      | 15        |       |  |  |
| 46/ 45       |                                     | .6  | .2         | .3  | .4        | .1   | .5         |       |          |       |                                    |        |        |        |        |        |      | 24        | 24       | 142      | 31        |       |  |  |
| 44/ 43       |                                     |     |            |     | .2        | .3   |            |       |          |       |                                    |        |        |        |        |        |      | 5         | 5        | 98       | 48        |       |  |  |
| 42/ 41       |                                     | .1  | .1         | .3  | .1        |      |            |       |          |       |                                    |        |        |        |        |        |      | 6         | 6        | 67       | 52        |       |  |  |
| 40/ 39       |                                     |     | .1         | .1  |           |      |            |       |          |       |                                    |        |        |        |        |        |      | 2         | 2        | 62       | 73        |       |  |  |
| 38/ 37       |                                     |     | .3         |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      | 4         | 4        | 43       | 95        |       |  |  |
| 36/ 35       |                                     | .1  | .1         |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      | 2         | 2        | 22       | 86        |       |  |  |
| 34/ 33       | .3                                  |     | .2         |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      | 5         | 5        | 14       | 82        |       |  |  |
| 32/ 31       |                                     | .1  |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      | 1         | 1        | 3        | 24        |       |  |  |
| 30/ 29       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          | 1        | 84        |       |  |  |
| 28/ 27       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 65        |       |  |  |
| 26/ 25       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 61        |       |  |  |
| 24/ 23       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 77        |       |  |  |
| 22/ 21       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 46        |       |  |  |
| 20/ 19       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 47        |       |  |  |
| 18/ 17       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 24        |       |  |  |
| Element (X)  | $\Sigma X^2$                        |     | $\Sigma X$ |     | $\bar{X}$ |      | $\sigma_x$ |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |      |           |          |          | Total     |       |  |  |
| Rel. Hum.    |                                     |     |            |     |           |      |            |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |      |           |          |          |           |       |  |  |
| Dry Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |  |  |
| Wet Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |  |  |
| Dew Point    |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

25  
MONTH

1200-1400  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23192 PALMDALE APT CALIF

48-54,61-64,71-72

PAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           | TOTAL | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |       |  |  |
| 84/ 83       |                                     |     |     |     |     |      |       |       |          |       |                                    |       | .1     | .1    |        |       |        | 2         | 2        |          |           |       |       |  |  |
| 82/ 81       |                                     |     |     |     |     |      |       |       |          |       |                                    |       | .1     | .2    | .3     | .1    |        | 7         | 7        |          |           |       |       |  |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |          |       |                                    |       | .8     | .4    | .2     |       |        | 16        | 16       |          |           |       |       |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       |          |       | .1                                 | .3    | .7     | .6    | .1     | .1    |        | 22        | 22       |          |           |       |       |  |  |
| 76/ 75       |                                     |     |     |     |     |      |       |       |          |       | .3                                 | 1.0   | .6     | .3    | .1     |       |        | 26        | 26       |          |           |       |       |  |  |
| 74/ 73       |                                     |     |     |     |     |      |       |       |          | .3    | .9                                 | .9    | 1.0    | .3    | .1     |       |        | 38        | 38       |          |           |       |       |  |  |
| 72/ 71       |                                     |     |     |     |     | .1   |       |       | .3       | 1.2   | 2.0                                | 1.8   | .6     | .1    |        |       |        | 71        | 71       |          |           |       |       |  |  |
| 70/ 69       |                                     |     |     |     | .2  | .1   | .2    | .8    | 1.2      | 2.1   | 1.3                                | .2    | .2     |       |        |       |        | 71        | 71       |          |           |       |       |  |  |
| 68/ 67       |                                     |     |     |     |     | .1   | .1    | .3    | 1.1      | 1.1   | 1.9                                | 1.3   | .2     |       |        |       |        | 70        | 70       |          |           |       |       |  |  |
| 66/ 65       |                                     |     |     |     | .1  | 1.0  | 1.0   | 1.8   | 1.0      | 1.3   | .3                                 | .3    |        |       |        |       |        | 78        | 78       |          |           |       |       |  |  |
| 64/ 63       |                                     |     | .2  | .1  | .3  | .8   | 1.5   | 1.3   | 1.4      | 1.7   | .3                                 |       |        |       |        |       |        | 85        | 85       |          |           |       |       |  |  |
| 62/ 61       |                                     | .1  | .4  | .9  | 1.3 | 1.5  | 1.1   | 1.2   | .5       | .3    |                                    |       |        |       |        |       |        | 84        | 84       | 1        |           |       |       |  |  |
| 60/ 59       |                                     | .1  | .2  | .6  | .8  | 1.7  | 1.3   | 2.1   | .7       | .7    |                                    |       |        |       |        |       |        | 94        | 94       | 4        |           |       |       |  |  |
| 58/ 57       |                                     | .2  | .6  | 1.1 | 1.4 | 1.4  | 1.3   | 1.5   | .2       | .1    |                                    |       |        |       |        |       |        | 89        | 89       | 13       |           |       |       |  |  |
| 56/ 55       |                                     | .2  | .5  | 1.6 | 1.5 | 1.0  | .9    | 1.1   | .4       |       |                                    |       |        |       |        |       |        | 82        | 82       | 37       | 3         |       |       |  |  |
| 54/ 53       | .3                                  | .1  | 1.0 | 1.6 | .7  | 1.1  | 1.0   | .7    | .2       |       |                                    |       |        |       |        |       |        | 75        | 75       | 103      | 7         |       |       |  |  |
| 52/ 51       |                                     | .7  | 1.2 | 1.0 | 1.1 | .6   | .5    | .3    |          |       |                                    |       |        |       |        |       |        | 63        | 63       | 124      | 7         |       |       |  |  |
| 50/ 49       | .2                                  | .8  | .7  | 1.0 | .3  | .7   | .6    | .1    |          |       |                                    |       |        |       |        |       |        | 49        | 49       | 166      | 9         |       |       |  |  |
| 48/ 47       | .1                                  | .4  | .7  | .3  | .6  | .5   | .3    |       |          |       |                                    |       |        |       |        |       |        | 34        | 34       | 166      | 15        |       |       |  |  |
| 46/ 45       | .3                                  | .2  | .8  | .2  | .3  | .6   | .1    |       |          |       |                                    |       |        |       |        |       |        | 27        | 27       | 152      | 27        |       |       |  |  |
| 44/ 43       | .3                                  | .4  | .4  | .6  | .4  | .3   |       |       |          |       |                                    |       |        |       |        |       |        | 29        | 29       | 119      | 53        |       |       |  |  |
| 42/ 41       | .3                                  | .3  | .8  |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        | 16        | 16       | 90       | 64        |       |       |  |  |
| 40/ 39       | .3                                  | .2  | .1  |     | .1  |      |       |       |          |       |                                    |       |        |       |        |       |        | 7         | 7        | 60       | 91        |       |       |  |  |
| 38/ 37       |                                     | .3  | .1  | .1  |     |      |       |       |          |       |                                    |       |        |       |        |       |        | 6         | 6        | 47       | 101       |       |       |  |  |
| 36/ 35       |                                     | .2  |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        | 2         | 2        | 33       | 99        |       |       |  |  |
| 34/ 33       |                                     | .1  |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        | 1         | 1        | 18       | 53        |       |       |  |  |
| 32/ 31       | .3                                  | .1  |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        | 4         | 4        | 9        | 71        |       |       |  |  |
| 30/ 29       |                                     | .1  |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        | 1         | 1        | 4        | 69        |       |       |  |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          | 1        | 67        |       |       |  |  |
| 26/ 25       | .1                                  |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        | 1         | 1        | 1        | 75        |       |       |  |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 70        |       |       |  |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 60        |       |       |  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 30        |       |       |  |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 25        |       |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |       |        |           |          |          | Total     |       |       |  |  |
| Rel Hum.     |                                     |     |     |     |     |      |       |       |          |       | ≤ 0 F                              |       | ≤ 32 F |       | ≥ 67 F |       | ≥ 73 F |           | ≥ 80 F   |          | ≥ 93 F    |       | Total |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |       |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |       |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |       |       |  |  |



## PSYCHROMETRIC SUMMARY

23162

PALMDALE ADY CALIF

48-54, 61-64, 71-72

NOV

STATION

STATION NAME

YEARS

MONTH

**PAGE 2**

1500-1700

HOURS (L, S, T)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

48-54, 61-64, 71-72

May  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  |        |  |  |     |     | TOTAL<br>D.B./W.B. | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|------|----------|----------|-----------|--|--|--|--|--|--|--------|--|--|-----|-----|--------------------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |        |  |  |     |     |                    |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       | .1             |       |       |          |       |       |                                    |      | 1        |          |           |  |  |  |  |  |  |        |  |  |     | 1   |                    |       |  |  |
| 70/ 69       |                                     |     |     |     |     |      |       |       |       | .1             |       |       |          |       |       |                                    |      | 2        |          |           |  |  |  |  |  |  |        |  |  |     | 2   |                    |       |  |  |
| 68/ 67       |                                     |     |     |     |     |      |       |       |       | .3             | .1    |       |          |       |       |                                    |      | 5        |          |           |  |  |  |  |  |  |        |  |  |     | 5   |                    |       |  |  |
| 66/ 65       |                                     |     |     |     | .1  |      |       |       | .1    | .6             | .3    |       |          |       |       |                                    |      | 15       |          |           |  |  |  |  |  |  |        |  |  | 15  | 13  |                    |       |  |  |
| 64/ 63       |                                     |     |     | .1  |     |      |       | .3    | .3    | .4             | .2    | .4    |          |       |       |                                    |      | 19       |          |           |  |  |  |  |  |  |        |  |  | 19  |     |                    |       |  |  |
| 62/ 61       |                                     |     | .3  | .2  |     | .4   | .4    | .9    | .5    | .8             | .1    |       |          |       |       |                                    |      | 42       |          |           |  |  |  |  |  |  |        |  |  | 42  |     |                    |       |  |  |
| 60/ 59       |                                     |     | .1  |     | .5  | .4   | .9    | .7    | .8    | .6             | .1    |       |          |       |       |                                    |      | 47       |          |           |  |  |  |  |  |  |        |  |  | 47  |     |                    |       |  |  |
| 58/ 57       |                                     |     | .3  | .6  | 1.1 | 1.1  | 1.2   | 1.2   | .9    | .1             | .2    |       |          |       |       |                                    |      | 77       |          |           |  |  |  |  |  |  |        |  |  | 77  | 6   |                    |       |  |  |
| 56/ 55       |                                     | .1  | .4  | 1.3 | .8  | 1.2  | 1.3   | 1.6   | .7    | .2             |       |       |          |       |       |                                    |      | 88       |          |           |  |  |  |  |  |  |        |  |  | 88  | 4   | 3                  |       |  |  |
| 54/ 53       |                                     | .1  | 1.1 | 1.8 | 1.3 | 1.5  | 1.4   | 1.8   | .3    |                |       |       |          |       |       |                                    |      | 107      |          |           |  |  |  |  |  |  |        |  |  | 107 | 9   | 5                  |       |  |  |
| 52/ 51       | .1                                  | .4  | .6  | 2.0 | 2.0 | 2.8  | 1.2   | 1.1   | .3    |                |       |       |          |       |       |                                    |      | 121      |          |           |  |  |  |  |  |  |        |  |  | 121 | 45  | 7                  |       |  |  |
| 50/ 49       |                                     |     | 2.2 | 3.0 | 3.0 | 1.3  | 2.3   | .5    | .4    |                |       |       |          |       |       |                                    |      | 149      |          |           |  |  |  |  |  |  |        |  |  | 149 | 68  | 6                  |       |  |  |
| 48/ 47       |                                     | .4  | 2.5 | 2.5 | 2.2 | 1.1  | .7    | .3    |       |                |       |       |          |       |       |                                    |      | 112      |          |           |  |  |  |  |  |  |        |  |  | 112 | 91  | 19                 |       |  |  |
| 46/ 45       |                                     | .5  | 1.4 | 1.5 | 1.8 | 1.3  | 1.2   | .3    |       |                |       |       |          |       |       |                                    |      | 92       |          |           |  |  |  |  |  |  |        |  |  | 92  | 123 | 42                 |       |  |  |
| 44/ 43       |                                     | .8  | 1.8 | 1.6 | 1.4 | 1.3  | .3    |       |       |                |       |       |          |       |       |                                    |      | 84       |          |           |  |  |  |  |  |  |        |  |  | 84  | 168 | 47                 |       |  |  |
| 42/ 41       |                                     | .9  | 1.2 | .9  | 1.0 | .6   | .1    |       |       |                |       |       |          |       |       |                                    |      | 54       |          |           |  |  |  |  |  |  |        |  |  | 54  | 154 | 67                 |       |  |  |
| 40/ 39       |                                     | .5  | .6  | 2.1 | 1.4 | .5   | .3    |       |       |                |       |       |          |       |       |                                    |      | 63       |          |           |  |  |  |  |  |  |        |  |  | 63  | 137 | 79                 |       |  |  |
| 38/ 37       |                                     | .6  | .4  | .7  | .2  | .3   |       |       |       |                |       |       |          |       |       |                                    |      | 25       |          |           |  |  |  |  |  |  |        |  |  | 25  | 109 | 82                 |       |  |  |
| 36/ 35       | .1                                  | .8  | .5  | .2  | .5  | .1   |       |       |       |                |       |       |          |       |       |                                    |      | 25       |          |           |  |  |  |  |  |  |        |  |  | 25  | 92  | 104                |       |  |  |
| 34/ 33       | .1                                  |     | .3  | .2  | .1  | .2   |       |       |       |                |       |       |          |       |       |                                    |      | 9        |          |           |  |  |  |  |  |  |        |  |  | 9   | 64  | 95                 |       |  |  |
| 32/ 31       | .3                                  | .3  | .1  |     | .1  |      |       |       |       |                |       |       |          |       |       |                                    |      | 9        |          |           |  |  |  |  |  |  |        |  |  | 9   | 43  | 96                 |       |  |  |
| 30/ 29       |                                     | .3  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      | 3        |          |           |  |  |  |  |  |  |        |  |  | 3   | 18  | 68                 |       |  |  |
| 28/ 27       |                                     | .3  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      | 3        |          |           |  |  |  |  |  |  |        |  |  | 3   | 12  | 55                 |       |  |  |
| 26/ 25       |                                     | .1  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      | 1        |          |           |  |  |  |  |  |  |        |  |  | 1   | 8   | 70                 |       |  |  |
| 24/ 23       |                                     | .1  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      | 1        |          |           |  |  |  |  |  |  |        |  |  | 1   | 1   | 71                 |       |  |  |
| 22/ 21       |                                     | .2  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      | 2        |          |           |  |  |  |  |  |  |        |  |  | 2   | 1   | 48                 |       |  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  |        |  |  |     |     |                    | 56    |  |  |
| 18/ 17       |                                     | .2  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      | 2        |          |           |  |  |  |  |  |  |        |  |  | 2   | 2   | 31                 |       |  |  |
| 16/ 15       |                                     | .2  |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      | 2        |          |           |  |  |  |  |  |  |        |  |  | 2   | 4   | 24                 |       |  |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  |        |  |  |     |     |                    | 23    |  |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  |        |  |  |     |     |                    | 23    |  |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  |        |  |  |     |     |                    | 11    |  |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  |        |  |  |     |     |                    | 4     |  |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  |        |  |  |     |     |                    | 6     |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     |     | Σ X |     |      | X̄    |       |       | σ <sub>x</sub> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |      |          |          |           |  |  |  |  |  |  |        |  |  |     |     |                    |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | ≤ 0 F                              |      |          |          |           |  |  |  |  |  |  | ≤ 32 F |  |  |     |     |                    |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  | ≥ 67 F |  |  |     |     |                    |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  | ≥ 80 F |  |  |     |     |                    |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  | ≥ 93 F |  |  |     |     |                    |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |      |          |          |           |  |  |  |  |  |  | Total  |  |  |     |     |                    |       |  |  |



## PSYCHROMETRIC SUMMARY

23182

PALMDALE APT CALIF

48-54, 61-64, 71-72

NGV

STATION

STATION NAME

**YEARS**

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23102 PALMDALE APT CALIF

48-54, 61-64, 71-72

NOV  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12      | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 64/ 63       |                                     |     |            |     |           |      |            | .3    | .3       | .1    |                                    |        |        |        |        |        |       | 7         | 7        |          |           |       |  |  |
| 62/ 61       |                                     |     | .1         |     |           |      | .3         | .1    | .2       |       |                                    |        |        |        |        |        |       | 7         | 7        |          |           |       |  |  |
| 60/ 59       |                                     |     | .2         | .1  | .2        | .1   | .1         | .3    | .1       |       |                                    |        |        |        |        |        |       | 11        | 11       |          |           |       |  |  |
| 58/ 57       |                                     |     | .3         | .4  | .1        | .4   | .4         | .2    | .1       | .1    |                                    |        |        |        |        |        |       | 24        | 24       | 3        |           |       |  |  |
| 56/ 55       |                                     | .1  | .3         | .9  | .7        | .5   | .5         | .8    | .4       |       |                                    |        |        |        |        |        |       | 49        | 49       | 2        | 3         |       |  |  |
| 54/ 53       |                                     |     | .9         | .9  | .6        | .9   | .8         | .9    | .2       |       |                                    |        |        |        |        |        |       | 58        | 58       | 5        |           |       |  |  |
| 52/ 51       | .2                                  | .3  | 1.7        | 2.2 | 1.4       | .9   | 1.6        | .3    | .1       |       |                                    |        |        |        |        |        |       | 99        | 99       | 17       | 9         |       |  |  |
| 50/ 49       |                                     | .7  | 2.2        | 1.7 | 1.9       | 1.0  | 1.2        | .3    | .4       |       |                                    |        |        |        |        |        |       | 110       | 110      | 36       | 4         |       |  |  |
| 48/ 47       |                                     | .6  | 2.3        | 2.2 | 1.7       | 1.4  | 1.1        | .2    | .1       |       |                                    |        |        |        |        |        |       | 112       | 112      | 69       | 13        |       |  |  |
| 46/ 45       |                                     | .9  | 2.1        | 3.6 | 1.7       | 1.8  | .4         | .4    |          |       |                                    |        |        |        |        |        |       | 128       | 128      | 79       | 32        |       |  |  |
| 44/ 43       |                                     | 1.0 | 2.7        | 2.8 | 1.6       | .9   | .3         | .1    |          |       |                                    |        |        |        |        |        |       | 109       | 110      | 90       | 56        |       |  |  |
| 42/ 41       |                                     | 1.6 | 3.2        | 1.7 | 1.6       | 1.4  | .1         |       |          |       |                                    |        |        |        |        |        |       | 112       | 112      | 128      | 52        |       |  |  |
| 40/ 39       |                                     | 1.6 | 2.2        | 2.2 | 2.2       | .4   | .1         |       |          |       |                                    |        |        |        |        |        |       | 102       | 102      | 163      | 55        |       |  |  |
| 38/ 37       |                                     | .9  | 2.1        | 1.6 | 1.1       | .5   |            |       |          |       |                                    |        |        |        |        |        |       | 72        | 72       | 140      | 73        |       |  |  |
| 36/ 35       | .1                                  | 1.1 | 1.3        | 1.0 | .8        | .1   | .1         |       |          |       |                                    |        |        |        |        |        |       | 52        | 52       | 102      | 101       |       |  |  |
| 34/ 33       | .2                                  | .9  | .6         | .9  | .3        | .1   |            |       |          |       |                                    |        |        |        |        |        |       | 36        | 36       | 111      | 80        |       |  |  |
| 32/ 31       | .3                                  | 1.3 | 1.2        | .4  | .3        |      |            |       |          |       |                                    |        |        |        |        |        |       | 40        | 40       | 95       | 110       |       |  |  |
| 30/ 29       |                                     | .3  | .1         | .4  | .2        |      |            |       |          |       |                                    |        |        |        |        |        |       | 11        | 11       | 45       | 94        |       |  |  |
| 28/ 27       |                                     | .3  | .3         | .1  |           |      |            |       |          |       |                                    |        |        |        |        |        |       | 7         | 7        | 33       | 50        |       |  |  |
| 26/ 25       |                                     | .4  |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       | 5         | 5        | 16       | 73        |       |  |  |
| 24/ 23       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          | 15       | 57        |       |  |  |
| 22/ 21       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 62        |       |  |  |
| 20/ 19       |                                     | .2  |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       | 2         | 2        |          | 42        |       |  |  |
| 18/ 17       | .1                                  |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 3        | 37        |       |  |  |
| 16/ 15       |                                     | .1  |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        |          | 23        |       |  |  |
| 14/ 13       | .3                                  |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       | 4         | 4        | 5        | 27        |       |  |  |
| 12/ 11       | .1                                  |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        | 1        | 25        |       |  |  |
| 10/ 9        |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 11        |       |  |  |
| 8/ 7         |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| 6/ 5         |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| 4/ 3         |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| 2/ 1         |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| 0/ -1        |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| -2/ -3       |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Element (X)  | $\Sigma X^2$                        |     | $\Sigma X$ |     | $\bar{X}$ |      | $\sigma_x$ |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Rel. Hum.    |                                     |     |            |     |           |      |            |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |       |  |  |
| Dry Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Wet Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Dew Point    |                                     |     |            |     |           |      |            |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |



## PSYCHROMETRIC SUMMARY

48-54, 61-64, 71-72

134  
MONTH

PAGE 2 2100-2300

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11 JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

48-54,61-64,71-72

DEC  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          | TOTAL                              | TOTAL |        |  |        |  |        |  |        |  |        |  |       |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------------|-------|-------|-------|----------|-----------|----------|----------|------------------------------------|-------|--------|--|--------|--|--------|--|--------|--|--------|--|-------|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24          | 25-26 | 27-28 | 29-30 | ≥ 31     | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point                          |       |        |  |        |  |        |  |        |  |        |  |       |
| 62/ 61       |                                     |     |     | .2  |     |      |       |       |       |       |       |       |                |       |       |       |          | 2         | 2        |          |                                    |       |        |  |        |  |        |  |        |  |        |  |       |
| 60/ 59       |                                     |     | .2  |     | .1  | .2   |       | .1    | .1    |       |       |       |                |       |       |       |          | 7         | 7        |          |                                    |       |        |  |        |  |        |  |        |  |        |  |       |
| 58/ 57       |                                     |     | .1  | .1  | .1  |      | .1    |       |       |       |       |       |                |       |       |       |          | 4         | 4        | 1        |                                    |       |        |  |        |  |        |  |        |  |        |  |       |
| 56/ 55       |                                     |     | .3  | .1  | .1  | .2   | .2    |       |       |       |       |       |                |       |       |       |          | 9         | 9        | 3        |                                    |       |        |  |        |  |        |  |        |  |        |  |       |
| 54/ 53       |                                     | .2  | .3  | .2  | .4  | .2   |       |       | .1    |       |       |       |                |       |       |       |          | 15        | 15       | 3        | 1                                  |       |        |  |        |  |        |  |        |  |        |  |       |
| 52/ 51       |                                     | .2  | .8  | .5  | .3  | .1   | .1    | .3    |       |       |       |       |                |       |       |       |          | 26        | 26       | 7        | 4                                  |       |        |  |        |  |        |  |        |  |        |  |       |
| 50/ 49       |                                     | .1  | .7  | .6  | .2  | .3   | .1    |       |       |       |       |       |                |       |       |       |          | 22        | 22       | 7        | 5                                  |       |        |  |        |  |        |  |        |  |        |  |       |
| 48/ 47       |                                     | .8  | 1.3 | 1.2 | .8  | .2   | .3    |       |       |       |       |       |                |       |       |       |          | 54        | 54       | 22       | 6                                  |       |        |  |        |  |        |  |        |  |        |  |       |
| 46/ 45       | .3                                  | 1.1 | 1.3 | 1.3 | .3  | .3   | .2    | .1    |       |       |       |       |                |       |       |       |          | 57        | 57       | 42       | 13                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 44/ 43       | .3                                  | 1.4 | 1.4 | .6  | .8  | .3   |       |       |       |       |       |       |                |       |       |       |          | 56        | 56       | 45       | 36                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 42/ 41       | .2                                  | .6  | 1.6 | 1.1 | 1.5 | .4   | .1    |       |       |       |       |       |                |       |       |       |          | 65        | 65       | 51       | 27                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 40/ 39       | .2                                  | 1.2 | 1.8 | 1.4 | .5  | .3   | .1    |       |       |       |       |       |                |       |       |       |          | 66        | 66       | 54       | 30                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 38/ 37       | .2                                  | 1.9 | 2.8 | 1.5 | .7  | .2   |       |       |       |       |       |       |                |       |       |       |          | 87        | 87       | 52       | 39                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 36/ 35       | .6                                  | 4.6 | 3.0 | 1.9 | .3  | .1   |       |       |       |       |       |       |                |       |       |       |          | 126       | 126      | 110      | 53                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 34/ 33       | .6                                  | 3.7 | 3.9 | 1.8 | .3  |      |       |       |       |       |       |       |                |       |       |       |          | 124       | 124      | 126      | 78                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 32/ 31       | .5                                  | 3.9 | 3.9 | 1.9 | .2  | .1   |       |       |       |       |       |       |                |       |       |       |          | 125       | 125      | 117      | 110                                |       |        |  |        |  |        |  |        |  |        |  |       |
| 30/ 29       | .7                                  | 4.4 | 2.1 | 1.0 |     |      |       |       |       |       |       |       |                |       |       |       |          | 98        | 100      | 146      | 71                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 28/ 27       | .5                                  | 3.7 | 2.0 | .5  |     |      |       |       |       |       |       |       |                |       |       |       |          | 80        | 80       | 138      | 99                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 26/ 25       | .6                                  | 2.6 | 1.3 | .2  |     |      |       |       |       |       |       |       |                |       |       |       |          | 56        | 56       | 86       | 111                                |       |        |  |        |  |        |  |        |  |        |  |       |
| 24/ 23       | .2                                  | 2.1 | .8  | .4  |     |      |       |       |       |       |       |       |                |       |       |       |          | 42        | 42       | 62       | 95                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 22/ 21       |                                     | 1.4 | 1.1 | .3  |     |      |       |       |       |       |       |       |                |       |       |       |          | 34        | 34       | 40       | 96                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 20/ 19       | .4                                  | .8  | .8  |     |     |      |       |       |       |       |       |       |                |       |       |       |          | 24        | 24       | 37       | 74                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 18/ 17       | .3                                  | .1  | .3  |     |     |      |       |       |       |       |       |       |                |       |       |       |          | 8         | 8        | 25       | 65                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 16/ 15       | .1                                  | .2  |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          | 5         | 5        | 14       | 59                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 14/ 13       |                                     | .1  | .1  |     |     |      |       |       |       |       |       |       |                |       |       |       |          | 2         | 2        | 4        | 39                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          | 3        | 30                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          | 2                                  |       |        |  |        |  |        |  |        |  |        |  |       |
| 8/ 7         |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          | 10                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          | 5                                  |       |        |  |        |  |        |  |        |  |        |  |       |
| 4/ 3         |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          | 11                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          | 14                                 |       |        |  |        |  |        |  |        |  |        |  |       |
| 0/ -1        |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          | 8                                  |       |        |  |        |  |        |  |        |  |        |  |       |
| -2/ -3       |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          | 4                                  |       |        |  |        |  |        |  |        |  |        |  |       |
| -4/ -5       |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          | 3                                  |       |        |  |        |  |        |  |        |  |        |  |       |
| Element (X)  | ΣX <sup>2</sup>                     |     |     |     | ΣX  |      |       |       | X̄    |       |       |       | σ <sub>x</sub> |       |       |       | No. Obs. |           |          |          | Mean No. of Hours with Temperature |       |        |  |        |  |        |  |        |  |        |  |       |
| Rel Hum      |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          | ≤ 0 F                              |       | ≤ 32 F |  | ≥ 67 F |  | ≥ 73 F |  | ≥ 80 F |  | ≥ 93 F |  | Total |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          |                                    |       |        |  |        |  |        |  |        |  |        |  |       |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          |                                    |       |        |  |        |  |        |  |        |  |        |  |       |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |                |       |       |       |          |           |          |          |                                    |       |        |  |        |  |        |  |        |  |        |  |       |

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

DEC  
MONTH

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54,61-64,71-72  
YEARS

DEC  
MONTH

PAGE 1 0300-0500  
HOURS (L S T)

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         | TOTAL  | TOTAL     |          |          |           |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|----------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|--------|-----------|----------|----------|-----------|
|             | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14        | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22                            | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31   | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 62/ 61      |                                     |       |       | .5    |       |        | .1      |                |         |          |         |                                    |         |         |         |         |        | 7         | 7        |          |           |
| 60/ 59      |                                     |       |       |       |       |        | .2      |                |         |          |         |                                    |         |         |         |         |        | 2         | 2        |          |           |
| 58/ 57      |                                     |       |       |       | .1    | .3     |         |                |         |          |         |                                    |         |         |         |         |        | 5         | 3        |          |           |
| 56/ 55      |                                     |       | .1    | .4    | .2    |        |         | .1             |         |          |         |                                    |         |         |         |         |        | 9         | 9        | 5        |           |
| 54/ 53      |                                     | .1    | .3    | .1    | .2    | .1     | .3      |                |         |          |         |                                    |         |         |         |         |        | 12        | 12       |          | 1         |
| 52/ 51      |                                     |       | .2    | .5    | .3    | .1     | .2      |                |         |          |         |                                    |         |         |         |         |        | 22        | 22       | 5        | 5         |
| 50/ 49      |                                     | .2    | .7    | .8    | .1    | .1     | .3      |                |         |          |         |                                    |         |         |         |         |        | 24        | 24       | 13       | 2         |
| 48/ 47      |                                     | .9    | 1.0   | .5    | .2    |        | .1      |                |         |          |         |                                    |         |         |         |         |        | 32        | 32       | 16       | 4         |
| 46/ 45      | .2                                  | 1.3   | 1.2   | .6    | .4    | .1     | .1      |                |         |          |         |                                    |         |         |         |         |        | 46        | 46       | 37       | 21        |
| 44/ 43      | .3                                  | 1.3   | 1.5   | 1.0   | .3    | .3     |         |                |         |          |         |                                    |         |         |         |         |        | 57        | 57       | 41       | 24        |
| 42/ 41      | .1                                  | 1.2   | .9    | 1.0   | .7    | .3     |         |                |         |          |         |                                    |         |         |         |         |        | 49        | 49       | 45       | 26        |
| 40/ 39      |                                     | .9    | 1.8   | 1.2   | .2    | .2     |         |                |         |          |         |                                    |         |         |         |         |        | 51        | 51       | 48       | 44        |
| 38/ 37      |                                     | 2.3   | 1.4   | .9    | .1    | .3     |         |                |         |          |         |                                    |         |         |         |         |        | 60        | 60       | 41       | 35        |
| 36/ 35      | .3                                  | 3.6   | 1.7   | 1.4   | .3    |        |         |                |         |          |         |                                    |         |         |         |         |        | 87        | 87       | 51       | 40        |
| 34/ 33      | .4                                  | 4.3   | 3.5   | .9    | .3    |        |         |                |         |          |         |                                    |         |         |         |         |        | 113       | 113      | 90       | 51        |
| 32/ 31      | .9                                  | 4.8   | 4.1   | 1.0   | .3    |        |         |                |         |          |         |                                    |         |         |         |         |        | 132       | 132      | 118      | 74        |
| 30/ 29      | .4                                  | 4.8   | 4.3   | .8    | .1    |        |         |                |         |          |         |                                    |         |         |         |         |        | 124       | 124      | 123      | 111       |
| 28/ 27      | .6                                  | 5.2   | 1.9   | .3    |       |        |         |                |         |          |         |                                    |         |         |         |         |        | 96        | 96       | 129      | 75        |
| 26/ 25      | 1.0                                 | 4.6   | 1.4   | .2    |       |        |         |                |         |          |         |                                    |         |         |         |         |        | 86        | 86       | 135      | 103       |
| 24/ 23      | .4                                  | 2.9   | 1.0   | .1    |       |        |         |                |         |          |         |                                    |         |         |         |         |        | 53        | 53       | 84       | 103       |
| 22/ 21      | .1                                  | 2.9   | .8    | .3    |       |        |         |                |         |          |         |                                    |         |         |         |         |        | 50        | 50       | 57       | 64        |
| 20/ 19      | .3                                  | 1.5   | 1.0   |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        | 34        | 34       | 47       | 60        |
| 18/ 17      | .3                                  | .6    | .6    |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        | 17        | 17       | 29       | 78        |
| 16/ 15      | .7                                  | .4    | .3    |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        | 17        | 17       | 30       | 55        |
| 14/ 13      | .2                                  | .4    |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        | 7         | 7        | 11       | 58        |
| 12/ 11      |                                     | .1    | .1    |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        | 2         | 2        | 6        | 31        |
| 10/ 9       |                                     | .1    | .1    |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        | 2         | 2        | 2        | 17        |
| 8/ 7        |                                     |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        |           |          | 2        | 9         |
| 6/ 5        |                                     |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        |           |          |          | 17        |
| 4/ 3        |                                     |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        |           |          |          | 12        |
| 2/ 1        |                                     |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        |           |          |          | 4         |
| 0/ -1       |                                     |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        |           |          |          | 6         |
| -2/ -3      |                                     |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        |           |          |          | 7         |
| -4/ -5      |                                     |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        |           |          |          | 2         |
| Element (X) | Σ X <sup>2</sup>                    |       |       | Σ X   |       | X̄     |         | σ <sub>x</sub> |         | No. Obs. |         | Mean No. of Hours with Temperature |         |         |         |         |        |           |          |          |           |
| Rel. Hum.   |                                     |       |       |       |       |        |         |                |         |          |         | ≤ 0 F                              | ≤ 32 F  | ≥ 67 F  | ≥ 73 F  | ≥ 80 F  | ≥ 93 F | Total     |          |          |           |
| Dry Bulb    |                                     |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        |           |          |          |           |
| Wet Bulb    |                                     |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        |           |          |          |           |
| Dew Point   |                                     |       |       |       |       |        |         |                |         |          |         |                                    |         |         |         |         |        |           |          |          |           |



## PSYCHROMETRIC SUMMARY

DEC  
MONTH

PAGE 2 6300-0500

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

48-54, 61-64, 71-72  
YEARS

DEC  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          |          |          |           | TOTAL<br>D.B./W.B.                 | TOTAL |        |  |        |  |        |  |        |  |        |  |       |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|----------|-----------|------------------------------------|-------|--------|--|--------|--|--------|--|--------|--|--------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31     | Dry Bulb | Wet Bulb | Dew Point |                                    |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 66/ 65       |                                     |     |     |     | .1  |      |       |       |       |       |       |       |       |       |       |       |          | 1        | 1        |           |                                    |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 64/ 63       |                                     |     |     |     | .2  |      |       |       |       |       |       |       |       |       |       |       |          | 2        | 2        |           |                                    |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 62/ 61       |                                     |     |     | .3  |     |      |       |       | .1    |       |       |       |       |       |       |       |          | 4        | 4        |           |                                    |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 60/ 59       |                                     |     |     |     |     | .1   | .1    |       |       |       |       |       |       |       |       |       |          | 2        | 2        |           |                                    |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 58/ 57       |                                     |     |     |     | .2  | .1   | .2    | .1    |       |       |       |       |       |       |       |       |          | 6        | 6        | 4         |                                    |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 56/ 55       |                                     |     | .2  | .2  | .3  | .3   | .2    |       | .1    |       |       |       |       |       |       |       |          | 14       | 14       | 2         |                                    |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 54/ 53       |                                     |     | .3  | .8  | .4  | .1   | .2    | .1    |       |       |       |       |       |       |       |       |          | 22       | 22       |           | 3                                  |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 52/ 51       |                                     | .3  | .3  | .1  | .4  |      |       |       |       |       |       |       |       |       |       |       |          | 13       | 13       | 2         | 3                                  |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 50/ 49       |                                     | .4  | .6  | .5  | .3  | .2   | .3    | .1    |       |       |       |       |       |       |       |       |          | 29       | 29       | 17        | 1                                  |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 48/ 47       |                                     | .3  | .8  | .7  | .3  | .4   | .1    |       |       |       |       |       |       |       |       |       |          | 32       | 32       | 22        | 11                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 46/ 45       | .3                                  | 1.1 | 1.7 | 1.0 | .4  | .2   |       |       |       |       |       |       |       |       |       |       |          | 55       | 55       | 30        | 11                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 44/ 43       | .1                                  | 1.5 | 1.8 | 1.5 | .7  | .4   |       |       |       |       |       |       |       |       |       |       |          | 71       | 71       | 46        | 22                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 42/ 41       | .2                                  | .3  | 2.1 | 1.2 | .6  | .1   |       |       |       |       |       |       |       |       |       |       |          | 53       | 53       | 51        | 30                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 40/ 39       |                                     | 1.2 | 1.5 | .6  | .3  | .1   |       |       |       |       |       |       |       |       |       |       |          | 44       | 44       | 61        | 41                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 38/ 37       | .1                                  | 2.3 | 2.8 | 2.0 | .8  | .1   |       |       |       |       |       |       |       |       |       |       |          | 96       | 96       | 58        | 37                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 36/ 35       | .4                                  | 3.3 | 3.7 | 1.7 | .3  | .2   |       |       |       |       |       |       |       |       |       |       |          | 114      | 113      | 90        | 51                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 34/ 33       | .3                                  | 2.8 | 2.9 | .8  |     | .1   |       |       |       |       |       |       |       |       |       |       |          | 82       | 82       | 86        | 68                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 32/ 31       | .8                                  | 4.8 | 2.7 | .7  | .2  |      |       |       |       |       |       |       |       |       |       |       |          | 108      | 108      | 142       | 69                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 30/ 29       | .8                                  | 4.8 | 3.5 | .8  | .1  |      |       |       |       |       |       |       |       |       |       |       |          | 119      | 120      | 113       | 103                                |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 28/ 27       | .5                                  | 4.1 | 1.7 | .4  |     |      |       |       |       |       |       |       |       |       |       |       |          | 80       | 80       | 110       | 103                                |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 26/ 25       | 1.1                                 | 4.2 | 1.3 | .2  |     |      |       |       |       |       |       |       |       |       |       |       |          | 80       | 80       | 108       | 98                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 24/ 23       | .6                                  | 3.2 | .9  | .3  |     |      |       |       |       |       |       |       |       |       |       |       |          | 60       | 60       | 84        | 115                                |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 22/ 21       | .3                                  | 1.9 | .9  |     |     |      |       |       |       |       |       |       |       |       |       |       |          | 33       | 33       | 61        | 85                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 20/ 19       |                                     | 1.9 | .9  | .1  |     |      |       |       |       |       |       |       |       |       |       |       |          | 26       | 26       | 30        | 79                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 18/ 17       | .5                                  | .9  | .9  |     |     |      |       |       |       |       |       |       |       |       |       |       |          | 22       | 22       | 31        | 72                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 16/ 15       | .5                                  | .9  | .2  |     |     |      |       |       |       |       |       |       |       |       |       |       |          | 14       | 14       | 21        | 51                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 14/ 13       |                                     | .4  | .5  |     |     |      |       |       |       |       |       |       |       |       |       |       |          | 11       | 11       | 15        | 39                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 12/ 11       |                                     | .2  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          | 2        | 2        | 5         | 34                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          |          |          | 6         | 13                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 8/ 7         |                                     | .1  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          | 1        | 1        |           | 7                                  |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          |          |          | 1         | 12                                 |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 4/ 3         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          |          |          |           | 9                                  |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          |          |          |           | 8                                  |       |        |  |        |  |        |  |        |  |        |  |       |  |
| 0/ 1         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          |          |          |           | 6                                  |       |        |  |        |  |        |  |        |  |        |  |       |  |
| Element (X)  | Σ X <sup>2</sup>                    |     |     |     | Σ X |      |       |       | Σ     |       |       |       | Σ X   |       |       |       | No. Obs. |          |          |           | Mean No. of Hours with Temperature |       |        |  |        |  |        |  |        |  |        |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          |          |          |           | ≤ 0 F                              |       | ≤ 32 F |  | ≥ 67 F |  | ≥ 73 F |  | ≥ 80 F |  | ≥ 93 F |  | Total |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          |          |          |           |                                    |       |        |  |        |  |        |  |        |  |        |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          |          |          |           |                                    |       |        |  |        |  |        |  |        |  |        |  |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |          |          |          |           |                                    |       |        |  |        |  |        |  |        |  |        |  |       |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

DEC  
MONTH

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF  
STATION STATION NAME

48-54, 61-64, 71-72  
YEARS

DEC  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |          |       | .1                                 |        |        |        |        |        |       | 1         | 1        |          |           |       |  |  |
| 70/ 69       |                                     |     |     |     |     | .2   |       |       |          |       | .1                                 |        |        |        |        |        |       | 3         | 2        |          |           |       |  |  |
| 68/ 67       |                                     |     |     |     | .2  | .1   |       |       | .1       |       | .2                                 |        |        |        |        |        |       | 9         | 9        |          |           |       |  |  |
| 66/ 65       |                                     |     |     | .1  | .1  | .2   |       | .3    | .3       |       | .6                                 |        |        |        |        |        |       | 18        | 10       |          |           |       |  |  |
| 64/ 63       |                                     |     |     |     | .1  | .1   | .1    | .3    | .3       |       | .2                                 |        |        |        |        |        |       | 13        | 13       |          |           |       |  |  |
| 62/ 61       |                                     |     |     | .1  | .1  | .2   | .3    | .4    | .8       |       | .1                                 |        |        |        |        |        |       | 21        | 21       | 1        |           |       |  |  |
| 60/ 59       |                                     |     |     | .1  | .3  | .6   | .3    | .7    | .6       |       | .2                                 |        |        |        |        |        |       | 34        | 34       | 5        |           |       |  |  |
| 58/ 57       |                                     |     | .1  | .2  | .6  | .5   | 1.0   | 1.1   | .5       |       |                                    |        |        |        |        |        |       | 47        | 47       | 1        |           |       |  |  |
| 56/ 55       |                                     |     |     | .4  | .4  | .8   | .8    | 1.3   | .4       |       | .1                                 |        |        |        |        |        |       | 50        | 50       | 5        | 4         |       |  |  |
| 54/ 53       |                                     | .1  | .4  | .6  | 1.4 | 1.7  | 1.3   | 1.3   | .4       |       |                                    |        |        |        |        |        |       | 86        | 86       | 6        | 2         |       |  |  |
| 52/ 51       |                                     | .2  | .3  | .7  | 1.8 | 1.2  | 1.8   | 1.1   | .2       |       |                                    |        |        |        |        |        |       | 86        | 86       | 15       | 2         |       |  |  |
| 50/ 49       |                                     | .5  | .8  | 1.4 | 2.3 | 1.9  | 2.2   | 1.0   | .1       | .1    |                                    |        |        |        |        |        |       | 124       | 124      | 45       | 5         |       |  |  |
| 48/ 47       |                                     | 1.1 | .7  | 1.8 | 1.9 | 2.0  | 1.4   | .8    |          |       |                                    |        |        |        |        |        |       | 116       | 116      | 62       | 15        |       |  |  |
| 46/ 45       | .1                                  | .3  | .9  | 2.3 | 2.9 | 1.9  | .8    | .2    |          |       |                                    |        |        |        |        |        |       | 115       | 115      | 95       | 21        |       |  |  |
| 44/ 43       | .2                                  | .7  | 1.2 | 1.8 | 2.5 | .7   | .6    | .1    |          |       |                                    |        |        |        |        |        |       | 91        | 91       | 105      | 27        |       |  |  |
| 42/ 41       |                                     | .4  | 1.7 | 2.3 | 1.8 | 1.7  | .3    | .1    |          |       |                                    |        |        |        |        |        |       | 99        | 99       | 127      | 40        |       |  |  |
| 40/ 39       |                                     | .5  | 1.5 | 2.4 | 2.7 | .6   |       |       |          |       |                                    |        |        |        |        |        |       | 92        | 92       | 144      | 48        |       |  |  |
| 38/ 37       | .1                                  | .6  | .8  | 2.8 | 1.0 | .4   |       |       |          |       |                                    |        |        |        |        |        |       | 69        | 69       | 155      | 57        |       |  |  |
| 36/ 35       | .1                                  | .4  | 1.3 | 1.3 | .6  | .3   |       |       |          |       |                                    |        |        |        |        |        |       | 48        | 48       | 123      | 78        |       |  |  |
| 34/ 33       | .2                                  | .8  | .6  | .6  | .2  |      |       |       |          |       |                                    |        |        |        |        |        |       | 27        | 27       | 97       | 92        |       |  |  |
| 32/ 31       | .1                                  | .1  | .4  | .5  | .4  |      |       |       |          |       |                                    |        |        |        |        |        |       | 18        | 18       | 109      | 89        |       |  |  |
| 30/ 29       |                                     | .3  | .4  | .2  |     |      |       |       |          |       |                                    |        |        |        |        |        |       | 10        | 10       | 38       | 95        |       |  |  |
| 28/ 27       |                                     | .1  | .3  | .2  | .1  |      |       |       |          |       |                                    |        |        |        |        |        |       | 7         | 7        | 21       | 97        |       |  |  |
| 26/ 25       | .1                                  | .1  | .2  | .1  |     |      |       |       |          |       |                                    |        |        |        |        |        |       | 5         | 5        | 22       | 97        |       |  |  |
| 24/ 23       |                                     | .3  |     | .1  |     |      |       |       |          |       |                                    |        |        |        |        |        |       | 5         | 5        | 7        | 93        |       |  |  |
| 22/ 21       | .1                                  |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       | 1         | 2        | 10       | 74        |       |  |  |
| 20/ 19       | .2                                  |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       | 2         | 2        | 4        | 72        |       |  |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 48        |       |  |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 44        |       |  |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 19        |       |  |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 25        |       |  |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 15        |       |  |  |
| 8/ 7         |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 15        |       |  |  |
| 6/ 5         |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 9         |       |  |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | X   |      | Σ X   |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |          |       | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |           |          |          |           |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |       |  |  |



## PSYCHROMETRIC SUMMARY

DEC  
MONTH

PAGE 2      0900-1100  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 4/ 3         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 5         |  |
| 2/ 1         |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 3         |  |
| 0/ -1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| -2/ -3       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| -4/ -5       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 3         |  |
| TOTAL        | 1.0                                 | 6.3   | 11.6  | 20.1  | 21.2  | 14.8   | 11.2    | 8.5     | 3.7     | 1.3     | .3      |         |         |         |         |         |      |           | 1197     |          | 1197      |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 1197      |          | 1197     |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |



## PSYCHROMETRIC SUMMARY

DEC  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(11/71)



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

48-54, 61-64, 71-72  
YEARS

DEC  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           | TOTAL<br>D.B./W.B. | TOTAL |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|---|------|----------|----------|-----------|--------------------|-------|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30   | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 78/ 77       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       | .1    |   |      | 1        |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 76/ 73       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      | 1        |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 72/ 71       |                                     |     |     |     |     |      |       |       |       |       |       | .4    |          |       |       |   |      | 6        |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 70/ 69       |                                     |     |     |     |     |      |       | .2    |       |       | .1    | .1    | .3       |       |       |   |      | 13       |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 68/ 67       |                                     |     |     |     | .1  | .1   | .1    | .1    | .3    | .4    | 1.2   | .2    |          |       | .1    |   |      | 28       |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 66/ 65       |                                     |     |     |     | .1  | .2   | .2    | .1    | 1.0   | .9    | .8    | .1    |          |       |       |   |      | 40       |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 64/ 63       |                                     |     |     | .1  | .3  |      |       | .6    | .4    | 1.1   | .6    | .3    |          |       |       |   |      | 39       |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 62/ 61       |                                     |     |     | .2  | .3  | .3   | .8    | .8    | 1.7   | 2.0   | .3    |       |          |       |       |   |      | 71       |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 60/ 59       |                                     |     |     | .2  | .3  | .6   | .9    | 1.6   | 1.4   | 1.3   | .1    |       |          |       |       |   |      | 76       |          |           | 3                  |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 58/ 57       |                                     |     |     | .2  | .3  | .8   | 1.2   | 1.3   | 1.7   | .3    |       |       |          |       |       |   |      | 74       |          |           | 4                  |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 56/ 55       |                                     |     | .2  | .7  | .7  | 1.8  | 1.3   | 2.8   | 1.7   | .3    |       |       |          |       |       |   |      | 113      |          |           | 5                  |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 54/ 53       |                                     |     | .2  | .6  | 1.6 | 1.5  | 1.7   | 2.1   | .8    | .3    |       |       |          |       |       |   |      | 105      |          |           | 11                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 52/ 51       |                                     | .1  | .3  | .9  | 1.1 | 1.8  | 1.2   | 1.8   | .8    | .2    |       |       |          |       |       |   |      | 96       |          |           | 29                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 50/ 49       |                                     | .8  | .6  | 1.1 | 2.3 | 1.8  | 1.5   | 1.2   | .1    |       |       |       |          |       |       |   |      | 112      |          |           | 67                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 48/ 47       |                                     | .4  | .8  | 1.2 | 1.8 | 1.5  | 1.6   | 1.0   | .3    |       |       |       |          |       |       |   |      | 101      |          |           | 108                |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 46/ 45       |                                     | .2  | 1.0 | 1.4 | 1.8 | .8   | .8    | .4    | .1    |       |       |       |          |       |       |   |      | 78       |          |           | 144                |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 44/ 43       |                                     | .2  | .9  | 1.5 | 1.4 | 1.0  | .8    | .7    |       |       |       |       |          |       |       |   |      | 77       |          |           | 155                |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 42/ 41       |                                     | .3  | 1.1 | .8  | 1.7 | .6   | .4    | .2    |       |       |       |       |          |       |       |   |      | 60       |          |           | 159                |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 40/ 39       |                                     | .3  | .8  | .6  | 1.2 | .4   | .1    |       |       |       |       |       |          |       |       |   |      | 39       |          |           | 139                |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 38/ 37       |                                     | .6  | .3  | .3  | .3  | .4   |       |       |       |       |       |       |          |       |       |   |      | 23       |          |           | 117                |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 36/ 35       | .1                                  | .1  | .3  | .4  | .2  | .1   |       |       |       |       |       |       |          |       |       |   |      | 14       |          |           | 98                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 34/ 33       | .1                                  | .7  | .3  | .2  |     |      |       |       |       |       |       |       |          |       |       |   |      | 14       |          |           | 52                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 32/ 31       | .2                                  | .3  |     | .1  | .1  |      |       |       |       |       |       |       |          |       |       |   |      | 7        |          |           | 59                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 30/ 29       |                                     | .1  | .1  |     |     |      |       |       |       |       |       |       |          |       |       |   |      | 2        |          |           | 26                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 28/ 27       |                                     |     | .1  |     |     |      |       |       |       |       |       |       |          |       |       |   |      | 1        |          |           | 12                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 26/ 25       | .1                                  | .1  |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      | 2        |          |           | 3                  |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 24/ 23       | .1                                  |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      | 1        |          |           | 71                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           | 71                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           | 80                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           | 52                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           | 37                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 14/ 13       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           | 31                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 12/ 11       |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           | 30                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 10/ 9        |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           | 17                 |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| Element (X)  | Σ x <sup>2</sup>                    |     |     | Σ x |     |      | Σ     |       |       | Σ x   |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature                      |      |          |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       | ≤ 0 F    ≤ 32 F    ≥ 67 F    ≥ 73 F    ≥ 80 F    ≥ 93 F |      |          |          |           |                    |       |  |  |  |  |  |  | Total |  |  |  |  |  |  |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |          |       |       |   |      |          |          |           |                    |       |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

DEC  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | TOTAL     |          | TOTAL    |           |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 8 / 7        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 12        |  |
| 6 / 5        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 7         |  |
| 4 / 3        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 10        |  |
| 2 / 1        |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 8         |  |
| 0 / =1       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 7         |  |
| =2 / =3      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| =4 / =5      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 3         |  |
| =6 / =7      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 6         |  |
| =8 / =9      |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| =10 / =11    |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| =12 / =13    |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| TOTAL        | .5                                  | 3.9   | 6.7   | 10.6  | 15.2  | 13.8   | 12.6    | 14.5    | 10.3    | 7.0     | 3.7     | 1.1     | .1      | .1      |         |         |      | 1194      |          | 1194     | 1194      |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 1194      |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        | </      |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

22102 PALMDALE APT CALIF

48-54, 61-64, 71-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31  | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 64/ 63       |                                     |     |            |     |           | .1   |       |       |          |       |                                    |        |        |        |        |        |       | 1         | 1        |          |           |  |
| 62/ 61       |                                     |     |            | .3  | .2        |      |       | .1    |          |       |                                    |        |        |        |        |        |       | 6         | 6        |          |           |  |
| 60/ 59       |                                     |     |            | .3  | .1        |      | .2    |       | .3       |       |                                    |        |        |        |        |        |       | 10        | 10       |          |           |  |
| 58/ 57       |                                     |     | .3         |     | .1        | .3   | .3    | .3    | .1       |       |                                    |        |        |        |        |        |       | 15        | 15       |          |           |  |
| 56/ 55       |                                     |     | .3         | .4  | .4        | .3   | .5    | .2    | .2       |       |                                    |        |        |        |        |        |       | 26        | 26       | 7        |           |  |
| 54/ 53       |                                     |     | .6         | .6  | .8        | .3   | .8    | .3    |          |       |                                    |        |        |        |        |        |       | 40        | 40       | 5        |           |  |
| 52/ 51       |                                     | .5  | .5         | 1.3 | .5        | .7   | .5    | .8    |          |       |                                    |        |        |        |        |        |       | 58        | 58       | 6        | 8         |  |
| 50/ 49       |                                     | .8  | 1.1        | 1.0 | .8        | 1.2  | .9    | .5    |          |       |                                    |        |        |        |        |        |       | 74        | 74       | 22       | 4         |  |
| 48/ 47       |                                     | .8  | .9         | 2.2 | 1.9       | 1.6  | 1.4   | .3    |          |       |                                    |        |        |        |        |        |       | 108       | 108      | 39       | 20        |  |
| 46/ 45       | .2                                  | .8  | 1.2        | 1.7 | 1.3       | 2.2  | .5    | .1    |          |       |                                    |        |        |        |        |        |       | 93        | 93       | 64       | 20        |  |
| 44/ 43       |                                     | .3  | 2.6        | 2.3 | 1.6       | 2.3  | .3    |       |          |       |                                    |        |        |        |        |        |       | 112       | 112      | 48       | 31        |  |
| 42/ 41       |                                     | 1.3 | 3.2        | 2.5 | 2.5       | 1.3  | .2    |       |          |       |                                    |        |        |        |        |        |       | 131       | 131      | 82       | 23        |  |
| 40/ 39       | .2                                  | 1.3 | 3.1        | 2.8 | 1.5       | 1.6  | .2    |       |          |       |                                    |        |        |        |        |        |       | 127       | 127      | 127      | 42        |  |
| 38/ 37       |                                     | 2.3 | 2.4        | 2.1 | 1.3       | .8   |       |       |          |       |                                    |        |        |        |        |        |       | 106       | 106      | 150      | 66        |  |
| 36/ 35       | .1                                  | 2.1 | 2.5        | 2.1 | 1.8       | .2   |       |       |          |       |                                    |        |        |        |        |        |       | 105       | 105      | 165      | 64        |  |
| 34/ 33       | .1                                  | 1.3 | 1.8        | .9  | .9        | .2   |       |       |          |       |                                    |        |        |        |        |        |       | 63        | 63       | 134      | 97        |  |
| 32/ 31       | .5                                  | .9  | 1.5        | .5  | .7        | .2   |       |       |          |       |                                    |        |        |        |        |        |       | 51        | 51       | 115      | 108       |  |
| 30/ 29       | .1                                  | .8  | .9         | .3  | .2        |      |       |       |          |       |                                    |        |        |        |        |        |       | 27        | 27       | 97       | 107       |  |
| 28/ 27       |                                     | .5  | .4         | .8  | .2        |      |       |       |          |       |                                    |        |        |        |        |        |       | 23        | 23       | 54       | 84        |  |
| 26/ 25       |                                     | .9  | .1         | .2  |           |      |       |       |          |       |                                    |        |        |        |        |        |       | 14        | 14       | 34       | 68        |  |
| 24/ 23       | .2                                  | .2  | .1         | .3  |           |      |       |       |          |       |                                    |        |        |        |        |        |       | 8         | 8        | 28       | 69        |  |
| 22/ 21       |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 15       | 93        |  |
| 20/ 19       |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 5        | 76        |  |
| 18/ 17       |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          | 1        | 43        |  |
| 16/ 15       |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 46        |  |
| 14/ 13       |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 29        |  |
| 12/ 11       |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 21        |  |
| 10/ 9        |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 29        |  |
| 8/ 7         |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 13        |  |
| 6/ 5         |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 8         |  |
| 4/ 3         |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 8         |  |
| 2/ 1         |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 7         |  |
| 0/ -1        |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 5         |  |
| -2/ -3       |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          | 5         |  |
| Element (X)  | $\Sigma x^2$                        |     | $\Sigma x$ |     | $\bar{x}$ |      | $s^2$ |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |           |          |          |           |  |
| Rel. Hum.    |                                     |     |            |     |           |      |       |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |           |          |          |           |  |
| Dry Bulb     |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |  |
| Wet Bulb     |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |  |
| Dew Point    |                                     |     |            |     |           |      |       |       |          |       |                                    |        |        |        |        |        |       |           |          |          |           |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

DEC  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           | TOTAL    | TOTAL    |           |  |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
|              | 0                                   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| w4/ w5       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 2         |  |
| w6/ w7       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| w8/ w9       |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          | 1         |  |
| TOTAL        | 1.3                                 | 14.5  | 23.4  | 22.5  | 16.6  | 13.0   | 5.6     | 2.5     | .6      |         |         |         |         |         |         |         |      |           | 1198     |          | 1198      |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      | 1198      |          | 1198     |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |
|              |                                     |       |       |       |       |        |         |         |         |         |         |         |         |         |         |         |      |           |          |          |           |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23182 PALMDALE APT CALIF

48-54,61-64,71-72

DEC  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | TOTAL     | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |       |  |  |
| 62/ 61       |                                     |     |     | .2  | .1  |      |                |       |          | .1    |                                    |        |        |        |        |        |      | 4         | 4        |          |           |       |  |  |
| 60/ 59       |                                     |     |     | .4  | .1  |      | .1             |       | .1       |       |                                    |        |        |        |        |        |      | 8         | 8        |          |           |       |  |  |
| 58/ 57       |                                     |     | .2  | .1  | .1  |      |                |       |          |       |                                    |        |        |        |        |        |      | 4         | 4        | 1        |           |       |  |  |
| 56/ 55       |                                     |     | .2  | .1  | .1  | .3   | .2             | .2    | .2       |       |                                    |        |        |        |        |        |      | 14        | 14       | 2        |           |       |  |  |
| 54/ 53       |                                     |     | .3  | .5  | .6  | .1   | .2             | .1    | .1       |       |                                    |        |        |        |        |        |      | 22        | 22       | 7        | 1         |       |  |  |
| 52/ 51       |                                     | .2  | 1.0 | .8  | .1  | .1   | .2             | .1    |          |       |                                    |        |        |        |        |        |      | 28        | 28       | 4        | 3         |       |  |  |
| 50/ 49       |                                     | .4  | 1.1 | .8  | .4  | .3   |                |       |          |       |                                    |        |        |        |        |        |      | 36        | 36       | 11       | 5         |       |  |  |
| 48/ 47       |                                     | .8  | 1.2 | .8  | 1.2 | .3   | .4             |       |          |       |                                    |        |        |        |        |        |      | 55        | 55       | 26       | 15        |       |  |  |
| 46/ 45       | .3                                  | .8  | 2.6 | .8  | .8  | .8   | .4             |       |          |       |                                    |        |        |        |        |        |      | 77        | 77       | 54       | 19        |       |  |  |
| 44/ 43       |                                     | .2  | 1.5 | .4  | .8  | .7   | .5             |       |          |       |                                    |        |        |        |        |        |      | 49        | 49       | 32       | 25        |       |  |  |
| 42/ 41       |                                     | 1.2 | 2.8 | 1.9 | 1.7 | .8   | .1             |       |          |       |                                    |        |        |        |        |        |      | 101       | 101      | 57       | 28        |       |  |  |
| 40/ 39       |                                     | 2.2 | 3.3 | 2.7 | 1.4 | .2   | .1             |       |          |       |                                    |        |        |        |        |        |      | 117       | 117      | 71       | 34        |       |  |  |
| 38/ 37       | .3                                  | 2.3 | 3.4 | 2.8 | 1.2 | .4   |                |       |          |       |                                    |        |        |        |        |        |      | 123       | 123      | 92       | 52        |       |  |  |
| 36/ 35       | .3                                  | 3.6 | 3.4 | 2.8 | 1.1 | .2   |                |       |          |       |                                    |        |        |        |        |        |      | 135       | 135      | 128      | 64        |       |  |  |
| 34/ 33       | .3                                  | 2.4 | 3.4 | 2.2 | .9  | .2   |                |       |          |       |                                    |        |        |        |        |        |      | 113       | 113      | 150      | 80        |       |  |  |
| 32/ 31       | .9                                  | 2.9 | 2.8 | 1.4 | .3  |      |                |       |          |       |                                    |        |        |        |        |        |      | 96        | 96       | 145      | 93        |       |  |  |
| 30/ 29       | .2                                  | 2.4 | 1.8 | .6  | .3  |      |                |       |          |       |                                    |        |        |        |        |        |      | 65        | 65       | 127      | 103       |       |  |  |
| 28/ 27       | .1                                  | 2.1 | 1.2 | .6  | .1  |      |                |       |          |       |                                    |        |        |        |        |        |      | 48        | 48       | 103      | 84        |       |  |  |
| 26/ 25       | .3                                  | 1.3 | .7  | .9  |     |      |                |       |          |       |                                    |        |        |        |        |        |      | 38        | 38       | 60       | 101       |       |  |  |
| 24/ 23       | .1                                  | 1.4 | .7  | .3  | .1  |      |                |       |          |       |                                    |        |        |        |        |        |      | 31        | 31       | 42       | 81        |       |  |  |
| 22/ 21       |                                     | .8  | .7  | .2  |     |      |                |       |          |       |                                    |        |        |        |        |        |      | 20        | 20       | 33       | 91        |       |  |  |
| 20/ 19       | .2                                  | .3  | .3  |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      | 9         | 9        | 28       | 72        |       |  |  |
| 18/ 17       |                                     |     | .1  |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      | 1         | 1        | 14       | 52        |       |  |  |
| 16/ 15       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          | 5        | 48        |       |  |  |
| 14/ 13       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 40        |       |  |  |
| 12/ 11       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 27        |       |  |  |
| 10/ 9        |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 17        |       |  |  |
| 8/ 7         |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 10        |       |  |  |
| 6/ 5         |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 17        |       |  |  |
| 4/ 3         |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 10        |       |  |  |
| 2/ 1         |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 10        |       |  |  |
| 0/ .1        |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 5         |       |  |  |
| -2/ -3       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 1         |       |  |  |
| -4/ -5       |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          | 3         |       |  |  |
| Element (X)  | Σ x <sup>2</sup>                    |     | Σ x |     | x̄  |      | s <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |      |           |          |          | Total     |       |  |  |
| Rel. Hum.    |                                     |     |     |     |     |      |                |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |      |           |          |          | Total     |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |      |           |          |          |           |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

**CFC**

YEARS

MONTH

**2100-2300**

HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23182 PALMDALE APT CALIF

48-54, 61-64, 71-73

| STATION   |           | STATION NAME |        |        |        |        |        |        |        |        |        |        |        | YEARS  |  |
|-----------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| HRS (LST) |           | JAN          | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | ANNUAL |  |
| 00-02     | MEAN      | 34.3         | 39.2   | 42.0   | 48.9   | 55.1   | 62.4   | 71.7   | 69.0   | 62.2   | 52.1   | 41.5   | 35.3   | 51.0   |  |
|           | S D       | 8.313        | 7.627  | 6.980  | 6.713  | 7.270  | 7.843  | 5.773  | 6.738  | 7.085  | 8.309  | 8.013  | 8.587  | 14.586 |  |
|           | TOTAL OBS | 1167         | 1052   | 1184   | 1153   | 1200   | 1114   | 1158   | 1200   | 987    | 1103   | 1164   | 1196   | 13688  |  |
| 03-05     | MEAN      | 32.6         | 36.9   | 39.4   | 45.8   | 51.5   | 58.3   | 67.3   | 64.7   | 58.3   | 48.8   | 39.2   | 33.4   | 47.9   |  |
|           | S D       | 9.042        | 7.892  | 7.151  | 6.711  | 6.761  | 7.335  | 6.148  | 7.152  | 7.243  | 8.106  | 8.517  | 9.229  | 13.941 |  |
|           | TOTAL OBS | 1173         | 1063   | 1185   | 1150   | 1191   | 1111   | 1159   | 1195   | 987    | 1099   | 1161   | 1196   | 13670  |  |
| 06-08     | MEAN      | 32.8         | 38.1   | 42.7   | 52.6   | 61.3   | 69.9   | 78.1   | 73.2   | 65.5   | 53.6   | 41.6   | 34.2   | 53.5   |  |
|           | S D       | 9.322        | 8.164  | 8.254  | 8.953  | 9.489  | 9.570  | 7.364  | 8.482  | 9.302  | 9.728  | 9.471  | 9.495  | 17.713 |  |
|           | TOTAL OBS | 1177         | 1063   | 1189   | 1150   | 1191   | 1120   | 1149   | 1199   | 986    | 1098   | 1156   | 1198   | 13676  |  |
| 09-11     | MEAN      | 44.9         | 51.5   | 55.2   | 65.0   | 72.5   | 81.5   | 90.6   | 87.5   | 80.9   | 69.1   | 55.8   | 46.7   | 66.5   |  |
|           | S D       | 8.836        | 7.700  | 8.669  | 9.244  | 9.721  | 9.764  | 5.568  | 6.683  | 8.004  | 9.393  | 8.921  | 8.432  | 17.588 |  |
|           | TOTAL OBS | 1174         | 1061   | 1184   | 1152   | 1185   | 1117   | 1145   | 1200   | 981    | 1090   | 1158   | 1198   | 13645  |  |
| 12-14     | MEAN      | 52.5         | 59.3   | 61.5   | 71.0   | 77.8   | 87.1   | 96.7   | 94.2   | 88.1   | 76.6   | 63.0   | 54.1   | 73.3   |  |
|           | S D       | 8.930        | 8.382  | 9.690  | 10.128 | 10.291 | 10.026 | 5.036  | 6.226  | 7.654  | 9.756  | 9.159  | 8.258  | 17.374 |  |
|           | TOTAL OBS | 1183         | 1059   | 1184   | 1146   | 1194   | 1117   | 1157   | 1197   | 989    | 1090   | 1162   | 1200   | 13678  |  |
| 15-17     | MEAN      | 51.4         | 58.8   | 60.5   | 69.4   | 75.7   | 85.1   | 94.4   | 92.2   | 86.4   | 74.1   | 60.3   | 51.9   | 71.5   |  |
|           | S D       | 9.518        | 9.002  | 10.182 | 10.338 | 10.521 | 10.336 | 5.369  | 6.565  | 8.096  | 10.407 | 9.612  | 8.460  | 17.358 |  |
|           | TOTAL OBS | 1171         | 1058   | 1180   | 1144   | 1196   | 1123   | 1149   | 1189   | 987    | 1099   | 1150   | 1196   | 13642  |  |
| 18-20     | MEAN      | 41.4         | 48.5   | 51.4   | 59.6   | 66.0   | 74.9   | 84.2   | 81.4   | 74.9   | 62.8   | 49.4   | 41.9   | 61.2   |  |
|           | S D       | 8.148        | 7.269  | 8.246  | 8.793  | 9.311  | 10.063 | 5.712  | 6.655  | 7.619  | 8.979  | 7.717  | 7.455  | 16.603 |  |
|           | TOTAL OBS | 1175         | 1058   | 1192   | 1142   | 1192   | 1116   | 1157   | 1193   | 988    | 1098   | 1159   | 1198   | 1366   |  |
| 21-23     | MEAN      | 37.2         | 42.8   | 45.8   | 53.2   | 59.5   | 67.5   | 76.6   | 73.7   | 67.0   | 56.0   | 44.5   | 37.7   | 55.1   |  |
|           | S D       | 8.038        | 7.081  | 7.079  | 6.910  | 7.744  | 8.146  | 4.951  | 6.282  | 6.780  | 8.907  | 7.596  | 8.037  | 15.175 |  |
|           | TOTAL OBS | 1167         | 1051   | 1190   | 1153   | 1183   | 1118   | 1163   | 1188   | 992    | 1102   | 1161   | 1194   | 13662  |  |
| ALL HOURS | MEAN      | 40.9         | 46.9   | 49.8   | 58.2   | 64.9   | 73.3   | 82.4   | 79.5   | 72.9   | 61.6   | 49.4   | 41.9   | 60.0   |  |
|           | S D       | 11.578       | 11.594 | 11.587 | 12.363 | 12.783 | 13.533 | 11.620 | 12.380 | 13.120 | 13.497 | 12.224 | 11.427 | 18.664 |  |
|           | TOTAL OBS | 9387         | 8473   | 9488   | 9190   | 9522   | 8936   | 9237   | 9561   | 7897   | 8779   | 9271   | 9576   | 109320 |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23182 PALMDALE APT CALIF

48-54, 61-64, 71-73

| STATION   | STATION NAME                             | YEARS   |
|-----------|--|---|
| HRS (LST) |  |   |
| 00-02     | MEAN 31.0<br>S D 7.823<br>TOTAL OBS 1167 | JAN 31.0<br>FEB 35.0<br>MAR 36.9<br>APR 42.0<br>MAY 46.0<br>JUN 50.4<br>JUL 54.7<br>AUG 53.9<br>SEP 50.3<br>OCT 43.6<br>NOV 36.4<br>DEC 31.9<br>ANNUAL 42.6 |
| 03-05     | MEAN 29.7<br>S D 8.400<br>TOTAL OBS 1171 | JAN 29.7<br>FEB 33.4<br>MAR 35.2<br>APR 40.2<br>MAY 44.2<br>JUN 48.5<br>JUL 53.0<br>AUG 52.1<br>SEP 48.2<br>OCT 41.6<br>NOV 34.8<br>DEC 30.4<br>ANNUAL 40.9 |
| 06-08     | MEAN 29.9<br>S D 8.569<br>TOTAL OBS 1173 | JAN 29.9<br>FEB 34.3<br>MAR 37.1<br>APR 44.0<br>MAY 49.0<br>JUN 53.8<br>JUL 57.8<br>AUG 56.2<br>SEP 51.8<br>OCT 44.4<br>NOV 36.3<br>DEC 31.1<br>ANNUAL 43.7 |
| 09-11     | MEAN 37.6<br>S D 6.941<br>TOTAL OBS 1173 | JAN 37.6<br>FEB 41.7<br>MAR 43.4<br>APR 49.2<br>MAY 53.1<br>JUN 57.5<br>JUL 61.6<br>AUG 60.8<br>SEP 57.7<br>OCT 51.7<br>NOV 44.2<br>DEC 38.8<br>ANNUAL 49.7 |
| 12-14     | MEAN 41.4<br>S D 6.367<br>TOTAL OBS 1183 | JAN 41.4<br>FEB 45.0<br>MAR 46.1<br>APR 51.3<br>MAY 55.0<br>JUN 59.5<br>JUL 63.8<br>AUG 62.8<br>SEP 59.8<br>OCT 54.4<br>NOV 47.5<br>DEC 42.4<br>ANNUAL 52.3 |
| 15-17     | MEAN 40.9<br>S D 6.485<br>TOTAL OBS 1171 | JAN 40.9<br>FEB 44.9<br>MAR 46.0<br>APR 51.2<br>MAY 54.8<br>JUN 59.5<br>JUL 63.7<br>AUG 62.9<br>SEP 59.6<br>OCT 53.6<br>NOV 46.4<br>DEC 41.3<br>ANNUAL 52.0 |
| 18-20     | MEAN 35.8<br>S D 7.177<br>TOTAL OBS 1174 | JAN 35.8<br>FEB 40.4<br>MAR 42.3<br>APR 47.6<br>MAY 51.4<br>JUN 56.1<br>JUL 60.2<br>AUG 59.4<br>SEP 56.0<br>OCT 49.0<br>NOV 41.3<br>DEC 36.1<br>ANNUAL 47.9 |
| 21-23     | MEAN 33.1<br>S D 7.543<br>TOTAL OBS 1167 | JAN 33.1<br>FEB 37.3<br>MAR 39.2<br>APR 44.5<br>MAY 48.3<br>JUN 52.7<br>JUL 56.7<br>AUG 56.1<br>SEP 52.6<br>OCT 45.7<br>NOV 38.4<br>DEC 33.4<br>ANNUAL 44.8 |
| ALL HOURS | MEAN 34.9<br>S D 8.659<br>TOTAL OBS 9381 | JAN 34.9<br>FEB 39.0<br>MAR 40.8<br>APR 46.2<br>MAY 50.2<br>JUN 54.8<br>JUL 58.9<br>AUG 58.0<br>SEP 54.5<br>OCT 48.0<br>NOV 40.7<br>DEC 35.7<br>ANNUAL 46.7 |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEWPOINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23182 PALMDALE APT CALIF

48-54, 61-64, 71-73

| STATION   | STATION NAME | YEARS   |
|-----------|--------------|---|
| HRS (LST) |              |   |
|           | MEAN         | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL                              |
| 00-02     | S D          | 24.8 28.8 29.8 34.0 36.7 39.3 40.1 40.8 38.9 33.8 28.8 25.8 33.4                    |
|           | TOTAL OBS    | 10,909 8,626 7,808 7,599 6,861 7,622 9,604 9,114 9,351 9,755 10,047 10,024 11,572   |
|           |              | 1167 1062 1184 1152 1200 1114 1158 1199 987 1103 1163 1195 13684                    |
| 03-05     | MEAN         | 24.2 28.0 29.0 33.4 36.5 39.1 40.3 41.0 38.0 32.8 27.9 25.0 32.9                    |
|           | S D          | 10,997 8,665 7,644 7,282 6,448 7,334 8,726 8,628 9,306 9,613 9,984 10,179 11,572    |
|           | TOTAL OBS    | 1172 1061 1185 1149 1191 1111 1159 1195 987 1099 1158 1196 13663                    |
| 06-08     | MEAN         | 24.4 28.7 29.7 34.7 37.4 40.4 42.1 42.8 39.6 34.2 28.6 25.5 34.0                    |
|           | S D          | 10,852 8,644 7,475 7,085 6,514 6,894 8,196 8,056 8,669 9,439 9,758 10,025 10,609    |
|           | TOTAL OBS    | 1175 1063 1189 1150 1190 1121 1149 1199 986 1097 1155 1196 13671                    |
| 09-11     | MEAN         | 27.0 29.1 29.2 33.3 35.5 38.1 40.0 40.9 38.8 35.1 30.4 27.9 33.7                    |
|           | S D          | 10,484 9,644 8,337 8,022 7,388 7,952 9,728 8,778 9,730 9,330 10,276 9,738 10,329    |
|           | TOTAL OBS    | 1173 1061 1184 1151 1185 1116 1145 1200 981 1087 1157 1197 13637                    |
| 12-14     | MEAN         | 26.1 27.4 27.9 31.6 34.9 37.7 40.1 39.9 36.9 34.0 29.9 26.7 32.7                    |
|           | S D          | 11,698 10,385 9,302 8,660 7,833 8,359 10,516 9,721 9,965 9,433 10,623 11,056 11,356 |
|           | TOTAL OBS    | 1183 1059 1183 1144 1194 1117 1157 1197 989 1086 1162 1200 13673                    |
| 15-17     | MEAN         | 26.2 27.7 29.0 33.3 36.8 39.8 42.4 41.9 38.3 34.6 30.7 27.1 34.0                    |
|           | S D          | 11,998 10,465 9,666 9,147 7,926 8,427 9,684 9,468 10,067 9,885 10,301 10,841 11,367 |
|           | TOTAL OBS    | 1171 1058 1180 1144 1195 1123 1149 1189 987 1098 1150 1194 13634                    |
| 18-20     | MEAN         | 26.9 29.7 31.1 35.3 38.1 40.9 42.2 42.8 40.3 35.1 30.7 27.2 35.0                    |
|           | S D          | 11,639 9,446 8,925 7,786 7,413 8,108 9,166 8,781 9,240 9,930 10,243 10,345 10,877   |
|           | TOTAL OBS    | 1174 1058 1192 1141 1192 1116 1157 1193 988 1098 1158 1198 13665                    |
| 21-23     | MEAN         | 26.0 29.4 30.6 34.8 37.2 39.6 40.2 41.6 39.6 34.3 29.9 26.4 34.1                    |
|           | S D          | 11,255 8,995 8,372 7,411 7,270 7,859 9,818 8,903 9,016 10,100 10,060 10,202 10,632  |
|           | TOTAL OBS    | 1167 1051 1189 1152 1183 1118 1163 1187 992 1102 1160 1194 13654                    |
| ALL HOURS | MEAN         | 25.7 28.6 29.5 33.8 36.6 39.4 40.9 41.5 38.8 34.2 29.6 26.5 33.7                    |
|           | S D          | 11,283 9,413 8,523 8,000 7,287 7,899 9,506 8,992 9,476 9,712 10,207 10,346 10,777   |
|           | TOTAL OBS    | 9382 8473 9486 9183 9530 8936 9237 9559 7897 8772 9263 9571 10928                   |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

23182 PALMDALE APT CALIF  
STATION STATION NAME

48-54,61-64,71-73  
PERIOD

ALL  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|--|------|------|------|------|------|------|------|-----|------------------------------|------------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                        |
| JAN    | ALL            | 99.5   | 95.0 | 86.8 | 76.9 | 64.8 | 51.8 | 37.7 | 22.2 | 7.0 | 59.7                         | 9381                   |
| FEB    |                | 99.3   | 91.9 | 80.6 | 69.7 | 57.6 | 44.2 | 30.1 | 15.0 | 3.2 | 54.7                         | 8473                   |
| MAR    |                | 99.4   | 90.0 | 78.1 | 64.7 | 51.0 | 36.7 | 22.6 | 10.7 | 2.5 | 51.1                         | 9486                   |
| APR    |                | 98.5   | 86.7 | 72.0 | 55.6 | 39.4 | 25.8 | 13.6 | 3.8  | .5  | 45.1                         | 9171                   |
| MAY    |                | 98.4   | 82.1 | 62.8 | 44.7 | 29.2 | 16.8 | 7.4  | 1.2  | .1  | 39.8                         | 9530                   |
| JUN    |                | 94.5   | 72.9 | 50.6 | 32.0 | 18.0 | 9.8  | 3.8  | .3   |     | 33.9                         | 8935                   |
| JUL    |                | 91.8   | 59.3 | 31.0 | 13.6 | 4.8  | 1.5  | .5   | .2   |     | 25.8                         | 9237                   |
| AUG    |                | 93.9   | 66.2 | 40.2 | 21.5 | 9.7  | 4.3  | 1.7  | .2   |     | 29.3                         | 9357                   |
| SEP    |                | 94.1   | 71.9 | 49.2 | 30.9 | 18.3 | 10.1 | 5.4  | 2.1  | .7  | 33.8                         | 7896                   |
| OCT    |                | 98.7   | 83.1 | 63.7 | 45.2 | 28.9 | 17.9 | 9.8  | 3.8  | 1.0 | 40.7                         | 8772                   |
| NOV    |                | 99.1   | 91.7 | 78.5 | 64.7 | 51.3 | 37.5 | 25.2 | 12.8 | 3.8 | 52.0                         | 9263                   |
| DEC    |                | 99.7   | 96.0 | 87.2 | 76.3 | 64.2 | 50.2 | 35.4 | 19.7 | 6.0 | 58.9                         | 9569                   |
| TOTALS |                | 97.2   | 82.2 | 65.1 | 49.7 | 36.5 | 25.6 | 16.1 | 7.7  | 2.1 | 43.7                         | 109272                 |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

23182 PALMDALE APT CALIF  
STATION

49-54, 61-64, 73-78  
PERIOD

JAN  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|------|------|------|------|------|------|------|------|------------------------------|-----------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                       |
| JAN    | 00-02          | 100.0  | 99.7 | 98.7 | 94.3 | 82.6 | 70.1 | 54.6 | 34.2 | 9.9  | 69.9                         | 1167                  |
|        | 03-05          | 100.0  | 99.7 | 98.8 | 95.1 | 88.3 | 76.2 | 61.7 | 41.4 | 14.4 | 72.9                         | 1171                  |
|        | 06-08          | 100.0  | 99.8 | 99.1 | 95.7 | 89.6 | 77.5 | 59.9 | 39.1 | 12.7 | 72.8                         | 1175                  |
|        | 09-11          | 99.7   | 96.8 | 86.5 | 73.1 | 54.6 | 33.6 | 17.6 | 7.1  | 2.0  | 52.7                         | 1173                  |
|        | 12-14          | 98.7   | 83.8 | 62.7 | 43.2 | 26.5 | 15.1 | 8.5  | 4.7  | .8   | 40.0                         | 1183                  |
|        | 15-17          | 98.1   | 93.2 | 63.7 | 47.7 | 34.7 | 22.9 | 14.0 | 6.1  | 2.8  | 42.8                         | 1171                  |
|        | 18-20          | 99.7   | 97.9 | 89.0 | 78.0 | 66.5 | 54.5 | 36.0 | 17.7 | 4.8  | 60.0                         | 1174                  |
|        | 21-23          | 99.9   | 99.2 | 96.1 | 87.8 | 75.7 | 64.5 | 49.2 | 27.6 | 8.4  | 66.3                         | 1167                  |
|        |                |  |      |      |      |      |      |      |      |      |                              |                       |
|        |                |  |      |      |      |      |      |      |      |      |                              |                       |
|        |                |  |      |      |      |      |      |      |      |      |                              |                       |
|        |                |  |      |      |      |      |      |      |      |      |                              |                       |
| TOTALS |                | 99.5   | 95.0 | 86.8 | 76.9 | 64.8 | 51.8 | 37.7 | 22.2 | 7.0  | 59.7                         | 9361                  |



## RELATIVE HUMIDITY

49-54, 61-64, 71-73

FEB  
MONT

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|------|------|------|------|------|------|------|-----|------------------------------|-----------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                       |
| FEB    | 00-02          | 100.0  | 99.7 | 98.0 | 92.9 | 84.2 | 69.9 | 50.8 | 26.1 | 5.3 | 68.2                         | 1062                  |
|        | 03-05          | 100.0  | 99.8 | 99.0 | 96.0 | 88.6 | 78.7 | 59.2 | 33.7 | 7.2 | 71.8                         | 1061                  |
|        | 06-08          | 99.8   | 99.6 | 96.0 | 93.0 | 88.0 | 73.4 | 57.4 | 31.7 | 8.1 | 70.7                         | 1063                  |
|        | 09-11          | 99.9   | 93.7 | 74.7 | 57.4 | 37.8 | 20.2 | 10.2 | 4.0  | 1.3 | 43.4                         | 1061                  |
|        | 12-14          | 97.3   | 73.6 | 45.6 | 29.0 | 15.5 | 9.0  | 3.0  | 2.4  | .8  | 33.3                         | 1039                  |
|        | 15-17          | 97.3   | 72.7 | 49.0 | 32.5 | 21.7 | 12.2 | 6.5  | 2.9  | .5  | 35.1                         | 1053                  |
|        | 18-20          | 99.9   | 96.4 | 85.0 | 68.0 | 51.8 | 34.2 | 18.0 | 5.0  | .9  | 51.5                         | 1053                  |
|        | 21-23          | 100.0  | 99.6 | 93.1 | 86.5 | 73.3 | 54.0 | 33.5 | 14.0 | 1.7 | 51.4                         | 1051                  |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
| TOTALS |                | 99.3   | 91.9 | 80.6 | 69.7 | 57.6 | 44.2 | 30.1 | 15.0 | 3.2 | 54.7                         | 8473                  |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

23182 PALMDALE APT CALIF  
STATION STATION NAME

49-54, 61-64, 71-73  
PERIOD

MAR  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|------|------|------|------|------|------|------|-----|------------------------------|-----------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                       |
| MAR    | 00-02          | 100.0  | 99.4 | 96.9 | 89.4 | 77.4 | 60.4 | 38.4 | 17.7 | 2.8 | 64.0                         | 1184                  |
|        | 03-05          | 100.0  | 99.7 | 98.6 | 92.7 | 84.2 | 70.6 | 48.9 | 24.2 | 5.1 | 67.9                         | 1185                  |
|        | 06-08          | 100.0  | 99.5 | 95.6 | 87.1 | 75.6 | 55.4 | 35.1 | 18.2 | 3.6 | 62.6                         | 1189                  |
|        | 09-11          | 99.7   | 88.3 | 67.7 | 46.1 | 24.0 | 11.4 | 4.7  | 2.6  | 1.3 | 40.2                         | 1184                  |
|        | 12-14          | 97.3   | 68.7 | 44.0 | 25.2 | 13.9 | 5.8  | 3.1  | 2.4  | 1.2 | 31.6                         | 1183                  |
|        | 15-17          | 97.8   | 70.2 | 49.7 | 34.3 | 21.1 | 10.6 | 5.5  | 3.3  | 1.4 | 34.9                         | 1180                  |
|        | 18-20          | 100.0  | 95.1 | 80.1 | 63.7 | 46.3 | 31.5 | 16.0 | 6.2  | 2.0 | 49.6                         | 1192                  |
|        | 21-23          | 100.0  | 99.2 | 92.4 | 79.3 | 65.7 | 47.1 | 28.8 | 10.9 | 2.6 | 58.1                         | 1189                  |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
| TOTALS |                | 99.4   | 90.0 | 78.1 | 64.7 | 51.0 | 36.7 | 22.6 | 10.7 | 2.5 | 51.1                         | 9485                  |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23182 PALMDALE APT CALIF

49-54,61-64,71-73

APR  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|------|------|------|------|------|------|------|-----|------------------------------|-----------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                       |
| APR    | 00-02          | 100.0  | 99.0 | 94.9 | 83.6 | 68.5 | 50.1 | 27.9 | 7.8  | .8  | 58.9                         | 1151                  |
|        | 03-05          | 99.9   | 99.5 | 97.6 | 91.5 | 78.8 | 60.3 | 37.5 | 12.8 | 1.9 | 63.7                         | 1147                  |
|        | 06-08          | 100.0  | 98.5 | 92.6 | 76.7 | 55.2 | 33.4 | 15.6 | 3.4  | .5  | 53.1                         | 1149                  |
|        | 09-11          | 98.2   | 82.3 | 53.8 | 27.2 | 10.9 | 2.9  | 1.1  | .6   | .1  | 33.2                         | 1150                  |
|        | 12-14          | 94.7   | 57.2 | 32.0 | 15.1 | 4.6  | 1.3  | 1.3  | .7   | .3  | 26.2                         | 1142                  |
|        | 15-17          | 95.2   | 66.4 | 41.9 | 24.1 | 10.6 | 3.7  | 1.4  | .5   |     | 29.8                         | 1142                  |
|        | 18-20          | 99.7   | 92.3 | 73.8 | 52.0 | 33.5 | 19.5 | 8.6  | 1.5  | .1  | 43.5                         | 1138                  |
|        | 21-23          | 100.0  | 98.0 | 89.7 | 74.2 | 53.3 | 34.3 | 15.2 | 3.2  | .2  | 52.3                         | 1152                  |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
| TOTALS |                | 98.5   | 86.7 | 72.0 | 55.6 | 39.4 | 25.8 | 13.6 | 3.6  | .5  | 45.1                         | 9171                  |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

22182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54, 61-64, 71-73  
PERIOD

'4Y  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |     |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|------|------|------|------|------|------|-----|-----|------------------------------|-----------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80% | 90% |                              |                       |
| MAY    | 00-02          | 99.9   | 98.3 | 90.7 | 75.7 | 54.7 | 31.9 | 14.9 | 2.3 |     | 52.4                         | 1200                  |
|        | 03-05          | 100.0  | 99.4 | 96.6 | 87.7 | 72.2 | 47.9 | 23.4 | 4.0 | .2  | 58.5                         | 1191                  |
|        | 06-08          | 99.8   | 95.5 | 78.4 | 55.4 | 33.6 | 15.3 | 4.1  | .3  | .1  | 43.8                         | 1190                  |
|        | 09-11          | 98.2   | 70.4 | 36.0 | 14.0 | 3.4  | .7   | .3   | .1  | .1  | 27.8                         | 1185                  |
|        | 12-14          | 94.3   | 48.6 | 21.9 | 7.4  | 2.0  | .8   | .6   | .3  |     | 23.1                         | 1194                  |
|        | 15-17          | 95.8   | 62.0 | 33.4 | 15.4 | 6.1  | 2.6  | 1.0  | .4  | .1  | 27.1                         | 1195                  |
|        | 18-20          | 99.6   | 87.7 | 64.2 | 40.9 | 23.2 | 12.8 | 5.0  | .9  | .1  | 39.0                         | 1192                  |
|        | 21-23          | 99.9   | 94.9 | 81.1 | 60.9 | 38.4 | 22.3 | 9.5  | 1.1 |     | 46.4                         | 1183                  |
|        |                |  |      |      |      |      |      |      |     |     |                              |                       |
|        |                |  |      |      |      |      |      |      |     |     |                              |                       |
|        |                |  |      |      |      |      |      |      |     |     |                              |                       |
|        |                |  |      |      |      |      |      |      |     |     |                              |                       |
|        |                |  |      |      |      |      |      |      |     |     |                              |                       |
| TOTALS |                | 98.4   | 82.1 | 62.8 | 44.7 | 29.2 | 16.8 | 7.4  | 1.2 | .1  | 39.8                         | 953                   |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

23182  
STATION

PALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
PERIOD

JUN  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |     |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS. |
|--------|----------------|--|------|------|------|------|------|------|-----|-----|------------------------------|------------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80% | 90% |                              |                        |
| JUN    | 00-02          | 99.6   | 99.3 | 80.8 | 57.0 | 36.2 | 20.6 | 8.7  | .5  |     | 45.4                         | 1114                   |
|        | 03-05          | 99.9   | 98.6 | 89.7 | 70.9 | 51.1 | 31.4 | 14.4 | 1.4 |     | 51.3                         | 1111                   |
|        | 06-08          | 99.3   | 89.1 | 61.1 | 35.5 | 18.6 | 6.7  | 1.2  | .2  | .1  | 26.8                         | 1120                   |
|        | 09-11          | 92.7   | 51.5 | 22.2 | 7.3  | 1.0  |      |      |     |     | 23.1                         | 1116                   |
|        | 12-14          | 82.0   | 35.9 | 14.6 | 4.7  | .1   | .1   | .1   |     |     | 19.3                         | 1117                   |
|        | 15-17          | 86.5   | 48.6 | 23.1 | 10.0 | 2.1  | .3   |      |     |     | 22.7                         | 1123                   |
|        | 18-20          | 96.7   | 75.3 | 48.9 | 29.4 | 16.1 | 6.5  | 1.3  |     |     | 33.1                         | 1116                   |
|        | 21-23          | 98.9   | 88.5 | 65.7 | 41.1 | 24.9 | 12.5 | 4.3  | .2  |     | 39.2                         | 1118                   |
|        |                |  |      |      |      |      |      |      |     |     |                              |                        |
|        |                |  |      |      |      |      |      |      |     |     |                              |                        |
|        |                |  |      |      |      |      |      |      |     |     |                              |                        |
|        |                |  |      |      |      |      |      |      |     |     |                              |                        |
|        |                |  |      |      |      |      |      |      |     |     |                              |                        |
| TOTALS |                | 94.5   | 72.9 | 50.8 | 32.0 | 18.8 | 9.8  | 3.8  | .3  | .0  | 33.9                         | 8935                   |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

23182  
STATION

FALMDALE APT CALIF  
STATION NAME

49-54,61-64,71-73  
PERIOD

JUL  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |     |     |     |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|------|------|------|------|-----|-----|-----|-----|------------------------------|-----------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60% | 70% | 80% | 90% |                              |                       |
| JUL    | 00-02          | 98.5   | 86.9 | 57.3 | 26.9 | 9.2  | 2.6 | .6  | .1  |     | 33.8                         | 1158                  |
|        | 03-05          | 99.3   | 94.7 | 74.1 | 41.3 | 17.3 | 5.6 | 1.9 | .6  |     | 39.1                         | 1159                  |
|        | 06-08          | 98.8   | 78.3 | 40.4 | 15.8 | 4.9  | 1.7 | .3  |     |     | 29.4                         | 1149                  |
|        | 09-11          | 87.2   | 30.8 | 7.3  | 1.6  | .5   |     |     |     |     | 18.2                         | 1145                  |
|        | 12-14          | 72.7   | 17.0 | 3.2  | 1.4  | .3   | .1  |     |     |     | 13.1                         | 1157                  |
|        | 15-17          | 84.2   | 29.1 | 5.8  | 1.8  | .4   | .3  | .3  | .3  |     | 17.7                         | 1149                  |
|        | 18-20          | 90.5   | 61.2 | 22.3 | 5.9  | 1.5  | .8  | .2  | .2  |     | 24.2                         | 1157                  |
|        | 21-23          | 97.1   | 76.4 | 37.6 | 13.8 | 4.3  | 1.1 | .3  | .1  |     | 28.7                         | 1163                  |
|        |                |  |      |      |      |      |     |     |     |     |                              |                       |
|        |                |  |      |      |      |      |     |     |     |     |                              |                       |
|        |                |  |      |      |      |      |     |     |     |     |                              |                       |
|        |                |  |      |      |      |      |     |     |     |     |                              |                       |
|        |                |  |      |      |      |      |     |     |     |     |                              |                       |
| TOTALS |                | 91.0   | 59.3 | 31.0 | 13.6 | 4.8  | 1.5 | .5  | .2  |     | 25.8                         | 9237                  |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)



## RELATIVE HUMIDITY

23182      PALMDALE APT CALIF  
STATION                      STATION

49-54, 61-64, 71-73

ALG  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |     |     |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|------|------|------|------|------|-----|-----|-----|------------------------------|-----------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70% | 80% | 90% |                              |                       |
| AUG    | 00=02          | 99.7   | 91.5 | 67.0 | 38.4 | 17.3 | 8.5  | 3.7 | .3  |     | 38.2                         | 1199                  |
|        | 03=05          | 99.7   | 96.3 | 82.1 | 56.4 | 29.5 | 14.5 | 6.9 | .9  | .1  | 44.2                         | 1195                  |
|        | 06=08          | 99.3   | 87.7 | 59.2 | 32.4 | 15.6 | 6.3  | 2.3 | .2  |     | 35.9                         | 1199                  |
|        | 09=11          | 91.5   | 42.6 | 12.5 | 3.7  | .7   | .2   | .1  |     |     | 20.8                         | 1200                  |
|        | 12=14          | 78.1   | 21.6 | 5.0  | 1.6  | .5   | .2   |     |     |     | 16.2                         | 1197                  |
|        | 15=17          | 85.4   | 34.3 | 7.9  | 3.3  | .8   | .2   |     |     |     | 18.7                         | 1189                  |
|        | 18=20          | 97.9   | 70.1 | 32.4 | 11.2 | 3.7  | 1.2  | .1  |     |     | 27.2                         | 1193                  |
|        | 21=23          | 99.5   | 85.2 | 55.5 | 25.3 | 9.8  | 3.5  | .8  |     |     | 33.4                         | 1187                  |
|        |                |  |      |      |      |      |      |     |     |     |                              |                       |
|        |                |  |      |      |      |      |      |     |     |     |                              |                       |
|        |                |  |      |      |      |      |      |     |     |     |                              |                       |
|        |                |  |      |      |      |      |      |     |     |     |                              |                       |
| TOTALS |                | 93.9   | 66.2 | 40.2 | 21.5 | 9.7  | 4.3  | 3.7 | .2  | .0  | 29.3                         | 9559                  |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

23182 PALMDALE APT CALIF

STATION

STATION NAME

49-54,61-64,71-72

PERIOD

SEP

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |     |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|------|------|------|------|------|------|-----|-----|------------------------------|-----------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80% | 90% |                              |                       |
| SEP    | 00-02          | 100.0  | 95.6 | 78.1 | 52.8 | 33.8 | 19.1 | 10.4 | 3.1 | 1.2 | 44.9                         | 986                   |
|        | 03-05          | 100.0  | 96.7 | 86.9 | 64.2 | 41.8 | 25.7 | 14.8 | 5.7 | 1.4 | 49.4                         | 987                   |
|        | 06-08          | 100.0  | 93.6 | 69.0 | 46.1 | 26.8 | 14.4 | 7.4  | 3.0 | .7  | 41.7                         | 986                   |
|        | 09-11          | 92.5   | 53.9 | 25.0 | 10.2 | 4.1  | 2.1  | 1.7  | .8  | .1  | 24.7                         | 981                   |
|        | 12-14          | 79.4   | 29.0 | 10.5 | 4.1  | 1.9  | 1.4  | 1.0  | .5  |     | 18.3                         | 989                   |
|        | 15-17          | 83.0   | 38.5 | 16.4 | 7.1  | 2.6  | 1.0  | 1.0  | .9  | .3  | 20.6                         | 987                   |
|        | 18-20          | 98.0   | 74.6 | 41.9 | 24.4 | 12.9 | 5.2  | 2.1  | 1.2 | 1.0 | 31.6                         | 988                   |
|        | 21-23          | 99.7   | 90.9 | 65.5 | 38.6 | 22.6 | 11.8 | 4.6  | 1.3 | 1.2 | 39.3                         | 992                   |
|        |                |  |      |      |      |      |      |      |     |     |                              |                       |
|        |                |  |      |      |      |      |      |      |     |     |                              |                       |
|        |                |  |      |      |      |      |      |      |     |     |                              |                       |
|        |                |  |      |      |      |      |      |      |     |     |                              |                       |
|        |                |  |      |      |      |      |      |      |     |     |                              |                       |
| TOTALS |                | 94.1   | 71.9 | 49.2 | 30.9 | 18.3 | 10.1 | 5.4  | 2.1 | .7  | 33.8                         | 7396                  |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)



## RELATIVE HUMIDITY

OCT  
MONTH

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |     |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS. |
|--------|----------------|--|------|------|------|------|------|------|-----|-----|------------------------------|------------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80% | 90% |                              |                        |
| OCT    | 00-02          | 100.0  | 99.0 | 93.0 | 71.2 | 47.4 | 30.3 | 17.0 | 6.3 | 1.5 | 52.2                         | 1103                   |
|        | 03-05          | 100.0  | 99.7 | 95.5 | 81.6 | 56.4 | 38.2 | 21.7 | 9.2 | 3.0 | 56.1                         | 1099                   |
|        | 06-08          | 100.0  | 97.9 | 86.6 | 67.4 | 45.7 | 29.3 | 17.0 | 7.9 | 1.7 | 50.9                         | 1097                   |
|        | 09-11          | 99.4   | 75.8 | 41.5 | 22.9 | 11.2 | 3.8  | 1.6  | .6  | .3  | 31.0                         | 1087                   |
|        | 12-14          | 94.9   | 47.4 | 21.2 | 9.5  | 3.9  | 1.8  | .8   | .5  |     | 23.4                         | 1088                   |
|        | 15-17          | 95.4   | 56.6 | 30.0 | 15.2 | 9.3  | 4.3  | 1.2  | .1  |     | 26.6                         | 1098                   |
|        | 18-20          | 99.8   | 90.1 | 59.9 | 36.6 | 22.8 | 13.1 | 5.8  | 1.2 | .1  | 38.5                         | 1096                   |
|        | 21-23          | 100.0  | 98.0 | 81.9 | 57.0 | 34.8 | 22.3 | 12.9 | 4.2 | 1.2 | 46.6                         | 1102                   |
|        |                |  |      |      |      |      |      |      |     |     |                              |                        |
|        |                |  |      |      |      |      |      |      |     |     |                              |                        |
|        |                |  |      |      |      |      |      |      |     |     |                              |                        |
|        |                |  |      |      |      |      |      |      |     |     |                              |                        |
| TOTALS |                | 98.7   | 83.1 | 63.7 | 45.2 | 28.9 | 17.9 | 9.8  | 3.8 | 1.0 | 40.7                         | 8772                   |



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23182 PALMDALE APT CALIF  
STATION

48-54,61-64,71-72  
PERIOD

V  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS. |
|--------|----------------|--|------|------|------|------|------|------|------|-----|------------------------------|------------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                        |
| NOV    | 00-02          | 100.0  | 99.1 | 95.5 | 85.9 | 72.8 | 57.4 | 39.6 | 20.5 | 6.0 | 63.2                         | 1163                   |
|        | 03-05          | 100.0  | 99.2 | 97.2 | 88.4 | 77.0 | 63.3 | 48.2 | 27.9 | 9.8 | 66.5                         | 1158                   |
|        | 06-08          | 100.0  | 99.2 | 94.3 | 84.0 | 72.2 | 57.1 | 40.4 | 23.1 | 7.8 | 63.5                         | 1155                   |
|        | 09-11          | 99.0   | 89.0 | 66.4 | 47.4 | 30.4 | 15.4 | 7.8  | 3.9  | 1.2 | 41.7                         | 1157                   |
|        | 12-14          | 96.4   | 72.1 | 44.1 | 26.6 | 14.8 | 7.6  | 4.3  | 2.3  | .9  | 32.5                         | 1162                   |
|        | 15-17          | 97.9   | 79.4 | 54.2 | 37.0 | 23.6 | 13.4 | 6.8  | 2.4  | .9  | 37.0                         | 1150                   |
|        | 18-20          | 99.7   | 97.3 | 83.2 | 67.7 | 52.7 | 36.0 | 21.6 | 7.7  | 1.2 | 52.1                         | 1158                   |
|        | 21-23          | 99.9   | 98.4 | 93.2 | 80.8 | 67.1 | 50.1 | 32.9 | 14.3 | 2.8 | 59.5                         | 1160                   |
|        |                |  |      |      |      |      |      |      |      |     |                              |                        |
|        |                |  |      |      |      |      |      |      |      |     |                              |                        |
|        |                |  |      |      |      |      |      |      |      |     |                              |                        |
|        |                |  |      |      |      |      |      |      |      |     |                              |                        |
|        |                |  |      |      |      |      |      |      |      |     |                              |                        |
| TOTALS |                | 99.1   | 91.7 | 78.5 | 64.7 | 51.3 | 37.5 | 25.2 | 12.8 | 3.8 | 52.0                         | 9263                   |



## RELATIVE HUMIDITY

REC  
MON

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-----------------------|
|        |                | 10%  | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                       |
| DEC    | 00-02          | 100.0  | 99.7  | 98.3 | 94.5 | 86.1 | 71.7 | 55.1 | 31.7 | 9.8  | 70.1                         | 1194                  |
|        | 03-05          | 100.0  | 100.0 | 99.2 | 96.2 | 90.4 | 79.0 | 61.4 | 37.4 | 11.5 | 72.7                         | 1196                  |
|        | 06-08          | 100.0  | 100.0 | 99.2 | 95.4 | 89.3 | 77.5 | 58.4 | 34.4 | 11.9 | 71.9                         | 1196                  |
|        | 09-11          | 99.9   | 98.1  | 85.8 | 67.8 | 49.5 | 28.7 | 14.5 | 7.3  | 1.8  | 50.9                         | 1197                  |
|        | 12-14          | 98.8   | 83.6  | 60.6 | 39.8 | 21.7 | 10.8 | 6.6  | 3.8  | 1.0  | 38.2                         | 1200                  |
|        | 15-17          | 99.2   | 87.9  | 65.7 | 49.1 | 33.3 | 19.6 | 10.0 | 4.9  | 1.8  | 42.5                         | 1194                  |
|        | 18-20          | 100.0  | 98.8  | 92.3 | 78.2 | 65.1 | 49.3 | 30.7 | 15.1 | 4.1  | 58.9                         | 1195                  |
|        | 21-23          | 100.0  | 99.8  | 96.8 | 89.6 | 78.0 | 65.0 | 46.6 | 23.1 | 6.4  | 65.9                         | 1194                  |
|        |                |  |       |      |      |      |      |      |      |      |                              |                       |
|        |                |  |       |      |      |      |      |      |      |      |                              |                       |
|        |                |  |       |      |      |      |      |      |      |      |                              |                       |
|        |                |  |       |      |      |      |      |      |      |      |                              |                       |
| TOTALS |                | 99.7   | 95.0  | 87.2 | 76.3 | 64.2 | 50.2 | 35.4 | 19.7 | 6.0  | 58.9                         | 9369                  |



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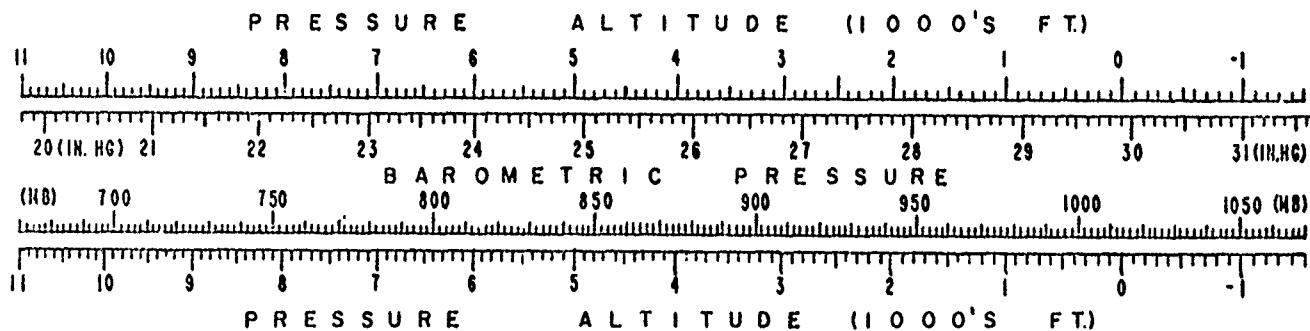
## PART F

## PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.





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## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23182 PALMDALE APT CALIF

48-54,61-64,71-73

| STATION     |           | STATION NAME |  |  |  |  |  |  |  |  |  |  |  | YEARS  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |
|-------------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS (L S T) |           |              |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |
|             |           | JAN          |  |  |  |  |  |  |  |  |  |  |  | FEB    |  |  |  |  |  |  |  |  |  |  |  | MAR    |  |  |  |  |  |  |  |  |  |  |  | APR    |  |  |  |  |  |  |  |  |  |  |  | MAY    |  |  |  |  |  |  |  |  |  |  |  | JUN    |  |  |  |  |  |  |  |  |  |  |  | JUL    |  |  |  |  |  |  |  |  |  |  |  | AUG    |  |  |  |  |  |  |  |  |  |  |  | SEP    |  |  |  |  |  |  |  |  |  |  |  | OCT    |  |  |  |  |  |  |  |  |  |  |  | NOV    |  |  |  |  |  |  |  |  |  |  |  | DEC    |  |  |  |  |  |  |  |  |  |  |  | ANNUAL |  |  |  |  |  |  |  |  |  |  |  |
| 01          | MEAN      | 27.466       |  |  |  |  |  |  |  |  |  |  |  | 27.448 |  |  |  |  |  |  |  |  |  |  |  | 27.365 |  |  |  |  |  |  |  |  |  |  |  | 27.343 |  |  |  |  |  |  |  |  |  |  |  | 27.311 |  |  |  |  |  |  |  |  |  |  |  | 27.280 |  |  |  |  |  |  |  |  |  |  |  | 27.313 |  |  |  |  |  |  |  |  |  |  |  | 27.327 |  |  |  |  |  |  |  |  |  |  |  | 27.311 |  |  |  |  |  |  |  |  |  |  |  | 27.373 |  |  |  |  |  |  |  |  |  |  |  | 27.443 |  |  |  |  |  |  |  |  |  |  |  | 27.461 |  |  |  |  |  |  |  |  |  |  |  | 27.37  |  |  |  |  |  |  |  |  |  |  |  |
|             | S D       | .152         |  |  |  |  |  |  |  |  |  |  |  | .163   |  |  |  |  |  |  |  |  |  |  |  | .126   |  |  |  |  |  |  |  |  |  |  |  | .102   |  |  |  |  |  |  |  |  |  |  |  | .081   |  |  |  |  |  |  |  |  |  |  |  | .067   |  |  |  |  |  |  |  |  |  |  |  | .056   |  |  |  |  |  |  |  |  |  |  |  | .061   |  |  |  |  |  |  |  |  |  |  |  | .071   |  |  |  |  |  |  |  |  |  |  |  | .095   |  |  |  |  |  |  |  |  |  |  |  | .119   |  |  |  |  |  |  |  |  |  |  |  | .149   |  |  |  |  |  |  |  |  |  |  |  | .127   |  |  |  |  |  |  |  |  |  |  |  |
|             | TOTAL OBS | 381          |  |  |  |  |  |  |  |  |  |  |  | 341    |  |  |  |  |  |  |  |  |  |  |  | 390    |  |  |  |  |  |  |  |  |  |  |  | 381    |  |  |  |  |  |  |  |  |  |  |  | 398    |  |  |  |  |  |  |  |  |  |  |  | 373    |  |  |  |  |  |  |  |  |  |  |  | 387    |  |  |  |  |  |  |  |  |  |  |  | 401    |  |  |  |  |  |  |  |  |  |  |  | 327    |  |  |  |  |  |  |  |  |  |  |  | 361    |  |  |  |  |  |  |  |  |  |  |  | 389    |  |  |  |  |  |  |  |  |  |  |  | 399    |  |  |  |  |  |  |  |  |  |  |  | 4528   |  |  |  |  |  |  |  |  |  |  |  |
| 04          | MEAN      | 27.458       |  |  |  |  |  |  |  |  |  |  |  | 27.432 |  |  |  |  |  |  |  |  |  |  |  | 27.349 |  |  |  |  |  |  |  |  |  |  |  | 27.333 |  |  |  |  |  |  |  |  |  |  |  | 27.308 |  |  |  |  |  |  |  |  |  |  |  | 27.280 |  |  |  |  |  |  |  |  |  |  |  | 27.313 |  |  |  |  |  |  |  |  |  |  |  | 27.325 |  |  |  |  |  |  |  |  |  |  |  | 27.300 |  |  |  |  |  |  |  |  |  |  |  | 27.369 |  |  |  |  |  |  |  |  |  |  |  | 27.439 |  |  |  |  |  |  |  |  |  |  |  | 27.457 |  |  |  |  |  |  |  |  |  |  |  | 27.358 |  |  |  |  |  |  |  |  |  |  |  |
|             | S D       | .155         |  |  |  |  |  |  |  |  |  |  |  | .133   |  |  |  |  |  |  |  |  |  |  |  | .129   |  |  |  |  |  |  |  |  |  |  |  | .103   |  |  |  |  |  |  |  |  |  |  |  | .082   |  |  |  |  |  |  |  |  |  |  |  | .068   |  |  |  |  |  |  |  |  |  |  |  | .057   |  |  |  |  |  |  |  |  |  |  |  | .062   |  |  |  |  |  |  |  |  |  |  |  | .072   |  |  |  |  |  |  |  |  |  |  |  | .097   |  |  |  |  |  |  |  |  |  |  |  | .124   |  |  |  |  |  |  |  |  |  |  |  | .152   |  |  |  |  |  |  |  |  |  |  |  | .125   |  |  |  |  |  |  |  |  |  |  |  |
|             | TOTAL OBS | 389          |  |  |  |  |  |  |  |  |  |  |  | 341    |  |  |  |  |  |  |  |  |  |  |  | 392    |  |  |  |  |  |  |  |  |  |  |  | 379    |  |  |  |  |  |  |  |  |  |  |  | 397    |  |  |  |  |  |  |  |  |  |  |  | 369    |  |  |  |  |  |  |  |  |  |  |  | 388    |  |  |  |  |  |  |  |  |  |  |  | 397    |  |  |  |  |  |  |  |  |  |  |  | 330    |  |  |  |  |  |  |  |  |  |  |  | 362    |  |  |  |  |  |  |  |  |  |  |  | 386    |  |  |  |  |  |  |  |  |  |  |  | 399    |  |  |  |  |  |  |  |  |  |  |  | 4529   |  |  |  |  |  |  |  |  |  |  |  |
| 07          | MEAN      | 27.479       |  |  |  |  |  |  |  |  |  |  |  | 27.456 |  |  |  |  |  |  |  |  |  |  |  | 27.382 |  |  |  |  |  |  |  |  |  |  |  | 27.364 |  |  |  |  |  |  |  |  |  |  |  | 27.333 |  |  |  |  |  |  |  |  |  |  |  | 27.304 |  |  |  |  |  |  |  |  |  |  |  | 27.340 |  |  |  |  |  |  |  |  |  |  |  | 27.354 |  |  |  |  |  |  |  |  |  |  |  | 27.339 |  |  |  |  |  |  |  |  |  |  |  | 27.397 |  |  |  |  |  |  |  |  |  |  |  | 27.463 |  |  |  |  |  |  |  |  |  |  |  | 27.481 |  |  |  |  |  |  |  |  |  |  |  | 27.391 |  |  |  |  |  |  |  |  |  |  |  |
|             | S D       | .155         |  |  |  |  |  |  |  |  |  |  |  | .138   |  |  |  |  |  |  |  |  |  |  |  | .131   |  |  |  |  |  |  |  |  |  |  |  | .108   |  |  |  |  |  |  |  |  |  |  |  | .087   |  |  |  |  |  |  |  |  |  |  |  | .071   |  |  |  |  |  |  |  |  |  |  |  | .060   |  |  |  |  |  |  |  |  |  |  |  | .063   |  |  |  |  |  |  |  |  |  |  |  | .075   |  |  |  |  |  |  |  |  |  |  |  | .100   |  |  |  |  |  |  |  |  |  |  |  | .125   |  |  |  |  |  |  |  |  |  |  |  | .151   |  |  |  |  |  |  |  |  |  |  |  | .126   |  |  |  |  |  |  |  |  |  |  |  |
|             | TOTAL OBS | 388          |  |  |  |  |  |  |  |  |  |  |  | 339    |  |  |  |  |  |  |  |  |  |  |  | 396    |  |  |  |  |  |  |  |  |  |  |  | 382    |  |  |  |  |  |  |  |  |  |  |  | 393    |  |  |  |  |  |  |  |  |  |  |  | 376    |  |  |  |  |  |  |  |  |  |  |  | 383    |  |  |  |  |  |  |  |  |  |  |  | 401    |  |  |  |  |  |  |  |  |  |  |  | 329    |  |  |  |  |  |  |  |  |  |  |  | 359    |  |  |  |  |  |  |  |  |  |  |  | 386    |  |  |  |  |  |  |  |  |  |  |  | 400    |  |  |  |  |  |  |  |  |  |  |  | 4532   |  |  |  |  |  |  |  |  |  |  |  |
| 10          | MEAN      | 27.515       |  |  |  |  |  |  |  |  |  |  |  | 27.479 |  |  |  |  |  |  |  |  |  |  |  | 27.398 |  |  |  |  |  |  |  |  |  |  |  | 27.371 |  |  |  |  |  |  |  |  |  |  |  | 27.332 |  |  |  |  |  |  |  |  |  |  |  | 27.302 |  |  |  |  |  |  |  |  |  |  |  | 27.337 |  |  |  |  |  |  |  |  |  |  |  | 27.354 |  |  |  |  |  |  |  |  |  |  |  | 27.344 |  |  |  |  |  |  |  |  |  |  |  | 27.410 |  |  |  |  |  |  |  |  |  |  |  | 27.480 |  |  |  |  |  |  |  |  |  |  |  | 27.509 |  |  |  |  |  |  |  |  |  |  |  | 27.44  |  |  |  |  |  |  |  |  |  |  |  |
|             | S D       | .158         |  |  |  |  |  |  |  |  |  |  |  | .141   |  |  |  |  |  |  |  |  |  |  |  | .121   |  |  |  |  |  |  |  |  |  |  |  | .110   |  |  |  |  |  |  |  |  |  |  |  | .087   |  |  |  |  |  |  |  |  |  |  |  | .071   |  |  |  |  |  |  |  |  |  |  |  | .060   |  |  |  |  |  |  |  |  |  |  |  | .063   |  |  |  |  |  |  |  |  |  |  |  | .077   |  |  |  |  |  |  |  |  |  |  |  | .102   |  |  |  |  |  |  |  |  |  |  |  | .127   |  |  |  |  |  |  |  |  |  |  |  | .152   |  |  |  |  |  |  |  |  |  |  |  | .132   |  |  |  |  |  |  |  |  |  |  |  |
|             | TOTAL OBS | 389          |  |  |  |  |  |  |  |  |  |  |  | 327    |  |  |  |  |  |  |  |  |  |  |  | 392    |  |  |  |  |  |  |  |  |  |  |  | 382    |  |  |  |  |  |  |  |  |  |  |  | 396    |  |  |  |  |  |  |  |  |  |  |  | 373    |  |  |  |  |  |  |  |  |  |  |  | 381    |  |  |  |  |  |  |  |  |  |  |  | 400    |  |  |  |  |  |  |  |  |  |  |  | 326    |  |  |  |  |  |  |  |  |  |  |  | 358    |  |  |  |  |  |  |  |  |  |  |  | 387    |  |  |  |  |  |  |  |  |  |  |  | 398    |  |  |  |  |  |  |  |  |  |  |  | 4519   |  |  |  |  |  |  |  |  |  |  |  |
| 13          | MEAN      | 27.447       |  |  |  |  |  |  |  |  |  |  |  | 27.424 |  |  |  |  |  |  |  |  |  |  |  | 27.353 |  |  |  |  |  |  |  |  |  |  |  | 27.332 |  |  |  |  |  |  |  |  |  |  |  | 27.299 |  |  |  |  |  |  |  |  |  |  |  | 27.272 |  |  |  |  |  |  |  |  |  |  |  | 27.304 |  |  |  |  |  |  |  |  |  |  |  | 27.316 |  |  |  |  |  |  |  |  |  |  |  | 27.298 |  |  |  |  |  |  |  |  |  |  |  | 27.351 |  |  |  |  |  |  |  |  |  |  |  | 27.420 |  |  |  |  |  |  |  |  |  |  |  | 27.440 |  |  |  |  |  |  |  |  |  |  |  | 27.355 |  |  |  |  |  |  |  |  |  |  |  |
|             | S D       | .152         |  |  |  |  |  |  |  |  |  |  |  | .133   |  |  |  |  |  |  |  |  |  |  |  | .123   |  |  |  |  |  |  |  |  |  |  |  | .104   |  |  |  |  |  |  |  |  |  |  |  | .082   |  |  |  |  |  |  |  |  |  |  |  | .067   |  |  |  |  |  |  |  |  |  |  |  | .058   |  |  |  |  |  |  |  |  |  |  |  | .062   |  |  |  |  |  |  |  |  |  |  |  | .073   |  |  |  |  |  |  |  |  |  |  |  | .098   |  |  |  |  |  |  |  |  |  |  |  | .119   |  |  |  |  |  |  |  |  |  |  |  | .148   |  |  |  |  |  |  |  |  |  |  |  | .122   |  |  |  |  |  |  |  |  |  |  |  |
|             | TOTAL OBS | 390          |  |  |  |  |  |  |  |  |  |  |  | 342    |  |  |  |  |  |  |  |  |  |  |  | 395    |  |  |  |  |  |  |  |  |  |  |  | 379    |  |  |  |  |  |  |  |  |  |  |  | 397    |  |  |  |  |  |  |  |  |  |  |  | 371    |  |  |  |  |  |  |  |  |  |  |  | 384    |  |  |  |  |  |  |  |  |  |  |  | 397    |  |  |  |  |  |  |  |  |  |  |  | 329    |  |  |  |  |  |  |  |  |  |  |  | 357    |  |  |  |  |  |  |  |  |  |  |  | 387    |  |  |  |  |  |  |  |  |  |  |  | 400    |  |  |  |  |  |  |  |  |  |  |  | 4528   |  |  |  |  |  |  |  |  |  |  |  |
| 16          | MEAN      | 27.437       |  |  |  |  |  |  |  |  |  |  |  | 27.397 |  |  |  |  |  |  |  |  |  |  |  | 27.324 |  |  |  |  |  |  |  |  |  |  |  | 27.300 |  |  |  |  |  |  |  |  |  |  |  | 27.274 |  |  |  |  |  |  |  |  |  |  |  | 27.249 |  |  |  |  |  |  |  |  |  |  |  | 27.276 |  |  |  |  |  |  |  |  |  |  |  | 27.283 |  |  |  |  |  |  |  |  |  |  |  | 27.267 |  |  |  |  |  |  |  |  |  |  |  | 27.329 |  |  |  |  |  |  |  |  |  |  |  | 27.403 |  |  |  |  |  |  |  |  |  |  |  | 27.430 |  |  |  |  |  |  |  |  |  |  |  | 27.331 |  |  |  |  |  |  |  |  |  |  |  |
|             | S D       | .147         |  |  |  |  |  |  |  |  |  |  |  | .126   |  |  |  |  |  |  |  |  |  |  |  | .117   |  |  |  |  |  |  |  |  |  |  |  | .098   |  |  |  |  |  |  |  |  |  |  |  | .078   |  |  |  |  |  |  |  |  |  |  |  | .063   |  |  |  |  |  |  |  |  |  |  |  | .055   |  |  |  |  |  |  |  |  |  |  |  | .059   |  |  |  |  |  |  |  |  |  |  |  | .069   |  |  |  |  |  |  |  |  |  |  |  | .092   |  |  |  |  |  |  |  |  |  |  |  | .113   |  |  |  |  |  |  |  |  |  |  |  | .143   |  |  |  |  |  |  |  |  |  |  |  | .121   |  |  |  |  |  |  |  |  |  |  |  |
|             | TOTAL OBS | 384          |  |  |  |  |  |  |  |  |  |  |  | 347    |  |  |  |  |  |  |  |  |  |  |  | 392    |  |  |  |  |  |  |  |  |  |  |  | 381    |  |  |  |  |  |  |  |  |  |  |  | 398    |  |  |  |  |  |  |  |  |  |  |  | 373    |  |  |  |  |  |  |  |  |  |  |  | 380    |  |  |  |  |  |  |  |  |  |  |  | 395    |  |  |  |  |  |  |  |  |  |  |  | 329    |  |  |  |  |  |  |  |  |  |  |  | 361    |  |  |  |  |  |  |  |  |  |  |  | 384    |  |  |  |  |  |  |  |  |  |  |  | 394    |  |  |  |  |  |  |  |  |  |  |  | 4518   |  |  |  |  |  |  |  |  |  |  |  |
| 19          | MEAN      | 27.451       |  |  |  |  |  |  |  |  |  |  |  | 27.416 |  |  |  |  |  |  |  |  |  |  |  | 27.342 |  |  |  |  |  |  |  |  |  |  |  | 27.317 |  |  |  |  |  |  |  |  |  |  |  | 27.292 |  |  |  |  |  |  |  |  |  |  |  | 27.264 |  |  |  |  |  |  |  |  |  |  |  | 27.291 |  |  |  |  |  |  |  |  |  |  |  | 27.302 |  |  |  |  |  |  |  |  |  |  |  | 27.287 |  |  |  |  |  |  |  |  |  |  |  | 27.353 |  |  |  |  |  |  |  |  |  |  |  | 27.423 |  |  |  |  |  |  |  |  |  |  |  | 27.450 |  |  |  |  |  |  |  |  |  |  |  | 27.35  |  |  |  |  |  |  |  |  |  |  |  |
|             | S D       | .147         |  |  |  |  |  |  |  |  |  |  |  | .126   |  |  |  |  |  |  |  |  |  |  |  | .117   |  |  |  |  |  |  |  |  |  |  |  | .098   |  |  |  |  |  |  |  |  |  |  |  | .078   |  |  |  |  |  |  |  |  |  |  |  | .063   |  |  |  |  |  |  |  |  |  |  |  | .055   |  |  |  |  |  |  |  |  |  |  |  | .060   |  |  |  |  |  |  |  |  |  |  |  | .069   |  |  |  |  |  |  |  |  |  |  |  | .090   |  |  |  |  |  |  |  |  |  |  |  | .116   |  |  |  |  |  |  |  |  |  |  |  | .144   |  |  |  |  |  |  |  |  |  |  |  | .122   |  |  |  |  |  |  |  |  |  |  |  |
|             | TOTAL OBS | 382          |  |  |  |  |  |  |  |  |  |  |  | 347    |  |  |  |  |  |  |  |  |  |  |  | 396    |  |  |  |  |  |  |  |  |  |  |  | 375    |  |  |  |  |  |  |  |  |  |  |  | 396    |  |  |  |  |  |  |  |  |  |  |  | 373    |  |  |  |  |  |  |  |  |  |  |  | 383    |  |  |  |  |  |  |  |  |  |  |  | 398    |  |  |  |  |  |  |  |  |  |  |  | 330    |  |  |  |  |  |  |  |  |  |  |  | 358    |  |  |  |  |  |  |  |  |  |  |  | 385    |  |  |  |  |  |  |  |  |  |  |  | 399    |  |  |  |  |  |  |  |  |  |  |  | 4523   |  |  |  |  |  |  |  |  |  |  |  |
| 22          | MEAN      | 27.471       |  |  |  |  |  |  |  |  |  |  |  | 27.439 |  |  |  |  |  |  |  |  |  |  |  | 27.369 |  |  |  |  |  |  |  |  |  |  |  | 27.347 |  |  |  |  |  |  |  |  |  |  |  | 27.319 |  |  |  |  |  |  |  |  |  |  |  | 27.291 |  |  |  |  |  |  |  |  |  |  |  | 27.322 |  |  |  |  |  |  |  |  |  |  |  | 27.333 |  |  |  |  |  |  |  |  |  |  |  | 27.253 |  |  |  |  |  |  |  |  |  |  |  | 27.378 |  |  |  |  |  |  |  |  |  |  |  | 27.443 |  |  |  |  |  |  |  |  |  |  |  | 27.470 |  |  |  |  |  |  |  |  |  |  |  | 27.375 |  |  |  |  |  |  |  |  |  |  |  |
|             | S D       | .150         |  |  |  |  |  |  |  |  |  |  |  | .132   |  |  |  |  |  |  |  |  |  |  |  | .122   |  |  |  |  |  |  |  |  |  |  |  | .100   |  |  |  |  |  |  |  |  |  |  |  | .079   |  |  |  |  |  |  |  |  |  |  |  | .066   |  |  |  |  |  |  |  |  |  |  |  | .057   |  |  |  |  |  |  |  |  |  |  |  | .061   |  |  |  |  |  |  |  |  |  |  |  | .070   |  |  |  |  |  |  |  |  |  |  |  | .093   |  |  |  |  |  |  |  |  |  |  |  | .118   |  |  |  |  |  |  |  |  |  |  |  | .147   |  |  |  |  |  |  |  |  |  |  |  | .122   |  |  |  |  |  |  |  |  |  |  |  |
|             | TOTAL OBS | 385          |  |  |  |  |  |  |  |  |  |  |  | 341    |  |  |  |  |  |  |  |  |  |  |  | 394    |  |  |  |  |  |  |  |  |  |  |  | 381    |  |  |  |  |  |  |  |  |  |  |  | 396    |  |  |  |  |  |  |  |  |  |  |  | 374    |  |  |  |  |  |  |  |  |  |  |  | 388    |  |  |  |  |  |  |  |  |  |  |  | 394    |  |  |  |  |  |  |  |  |  |  |  | 330    |  |  |  |  |  |  |  |  |  |  |  | 362    |  |  |  |  |  |  |  |  |  |  |  | 387    |  |  |  |  |  |  |  |  |  |  |  | 399    |  |  |  |  |  |  |  |  |  |  |  | 4531   |  |  |  |  |  |  |  |  |  |  |  |
| ALL HOURS   | MEAN      | 27.466       |  |  |  |  |  |  |  |  |  |  |  | 27.436 |  |  |  |  |  |  |  |  |  |  |  | 27.360 |  |  |  |  |  |  |  |  |  |  |  | 27.338 |  |  |  |  |  |  |  |  |  |  |  | 27.308 |  |  |  |  |  |  |  |  |  |  |  | 27.280 |  |  |  |  |  |  |  |  |  |  |  | 27.312 |  |  |  |  |  |  |  |  |  |  |  | 27.324 |  |  |  |  |  |  |  |  |  |  |  | 27.308 |  |  |  |  |  |  |  |  |  |  |  | 27.370 |  |  |  |  |  |  |  |  |  |  |  | 27.440 |  |  |  |  |  |  |  |  |  |  |  | 27.462 |  |  |  |  |  |  |  |  |  |  |  | 27.35  |  |  |  |  |  |  |  |  |  |  |  |
|             | S D       | .154         |  |  |  |  |  |  |  |  |  |  |  | .139   |  |  |  |  |  |  |  |  |  |  |  | .127   |  |  |  |  |  |  |  |  |  |  |  | .105   |  |  |  |  |  |  |  |  |  |  |  | .084   |  |  |  |  |  |  |  |  |  |  |  | .069   |  |  |  |  |  |  |  |  |  |  |  | .061   |  |  |  |  |  |  |  |  |  |  |  | .065   |  |  |  |  |  |  |  |  |  |  |  | .076   |  |  |  |  |  |  |  |  |  |  |  | .099   |  |  |  |  |  |  |  |  |  |  |  | .122   |  |  |  |  |  |  |  |  |  |  |  | .15    |  |  |  |  |  |  |  |  |  |  |  | .127   |  |  |  |  |  |  |  |  |  |  |  |
|             | TOTAL OBS | 3088         |  |  |  |  |  |  |  |  |  |  |  | 2735   |  |  |  |  |  |  |  |  |  |  |  | 3150   |  |  |  |  |  |  |  |  |  |  |  | 3040   |  |  |  |  |  |  |  |  |  |  |  | 3171   |  |  |  |  |  |  |  |  |  |  |  | 2982   |  |  |  |  |  |  |  |  |  |  |  | 3074   |  |  |  |  |  |  |  |  |  |  |  | 3183   |  |  |  |  |  |  |  |  |  |  |  | 2630   |  |  |  |  |  |  |  |  |  |  |  | 2870   |  |  |  |  |  |  |  |  |  |  |  | 3091   |  |  |  |  |  |  |  |  |  |  |  | 3188   |  |  |  |  |  |  |  |  |  |  |  | 3521   |  |  |  |  |  |  |  |  |  |  |  |



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23182 PALMDALE APT CALIF

48-54,61-64,71-73

| STATION   |           | STATION NAME |        |        |        |        |        |        |        |        |        |        |        | YEARS  |  |
|-----------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| HRS (LST) |           | JAN          | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | ANNUAL |  |
| 01        | MEAN      | 1020.1       | 1018.5 | 1015.4 | 1013.7 | 1011.9 | 1009.9 | 1010.3 | 1011.1 | 1011.0 | 1014.4 | 1018.2 | 1019.6 | 1014.5 |  |
|           | S D       | 5.856        | 4.901  | 4.727  | 3.951  | 3.238  | 2.670  | 2.182  | 2.263  | 2.894  | 3.770  | 4.645  | 5.824  | 5.488  |  |
|           | TOTAL OBS | 387          | 352    | 390    | 384    | 399    | 373    | 388    | 400    | 327    | 362    | 389    | 399    | 455    |  |
| 04        | MEAN      | 1019.9       | 1018.3 | 1015.0 | 1013.5 | 1012.1 | 1010.3 | 1010.6 | 1011.3 | 1011.1 | 1014.5 | 1018.3 | 1019.7 | 1014.8 |  |
|           | S D       | 5.977        | 5.077  | 4.835  | 3.938  | 3.256  | 2.701  | 2.197  | 2.258  | 2.826  | 3.757  | 4.822  | 5.916  | 5.457  |  |
|           | TOTAL OBS | 393          | 354    | 392    | 382    | 397    | 370    | 388    | 396    | 330    | 362    | 386    | 399    | 454    |  |
| 07        | MEAN      | 1021.4       | 1019.8 | 1016.6 | 1014.9 | 1013.0 | 1011.0 | 1011.5 | 1012.5 | 1012.3 | 1015.9 | 1019.8 | 1021.2 | 1015.9 |  |
|           | S D       | 6.180        | 5.317  | 4.984  | 4.098  | 3.401  | 2.810  | 2.259  | 2.259  | 2.971  | 3.965  | 4.989  | 6.080  | 5.712  |  |
|           | TOTAL OBS | 393          | 353    | 396    | 382    | 396    | 376    | 383    | 402    | 329    | 360    | 386    | 399    | 455    |  |
| 10        | MEAN      | 1022.2       | 1020.1 | 1016.8 | 1014.8 | 1012.8 | 1010.8 | 1011.2 | 1012.2 | 1012.3 | 1015.9 | 1019.8 | 1021.7 | 1015.9 |  |
|           | S D       | 6.138        | 5.266  | 4.955  | 4.192  | 3.426  | 2.870  | 2.305  | 2.306  | 3.110  | 3.985  | 4.942  | 6.006  | 5.917  |  |
|           | TOTAL OBS | 396          | 354    | 392    | 385    | 395    | 373    | 382    | 401    | 326    | 358    | 387    | 399    | 454    |  |
| 13        | MEAN      | 1019.4       | 1017.8 | 1014.9 | 1013.3 | 1011.5 | 1009.7 | 1009.9 | 1010.6 | 1010.3 | 1013.6 | 1017.3 | 1018.9 | 1014.5 |  |
|           | S D       | 5.800        | 4.923  | 4.645  | 3.865  | 3.271  | 2.686  | 2.236  | 2.257  | 2.925  | 3.792  | 4.597  | 5.700  | 5.384  |  |
|           | TOTAL OBS | 394          | 351    | 397    | 382    | 397    | 371    | 386    | 397    | 329    | 358    | 388    | 401    | 453    |  |
| 16        | MEAN      | 1019.1       | 1017.0 | 1014.0 | 1012.3 | 1010.8 | 1009.1 | 1009.2 | 1009.7 | 1009.6 | 1013.0 | 1016.9 | 1018.7 | 1013.5 |  |
|           | S D       | 5.514        | 4.645  | 4.354  | 3.716  | 3.064  | 2.492  | 2.116  | 2.162  | 2.738  | 3.543  | 4.345  | 5.506  | 5.301  |  |
|           | TOTAL OBS | 390          | 351    | 392    | 382    | 398    | 374    | 380    | 395    | 329    | 361    | 384    | 395    | 453    |  |
| 19        | MEAN      | 1020.4       | 1018.3 | 1015.1 | 1013.1 | 1011.5 | 1009.5 | 1009.7 | 1010.5 | 1010.6 | 1014.4 | 1018.3 | 1020.1 | 1014.3 |  |
|           | S D       | 5.849        | 4.813  | 4.440  | 3.739  | 3.122  | 2.529  | 2.099  | 2.140  | 2.721  | 3.564  | 4.597  | 5.728  | 5.606  |  |
|           | TOTAL OBS | 389          | 352    | 399    | 377    | 396    | 373    | 384    | 398    | 330    | 359    | 384    | 399    | 454    |  |
| 22        | MEAN      | 1020.5       | 1018.6 | 1015.6 | 1013.9 | 1012.2 | 1010.4 | 1010.7 | 1011.4 | 1011.2 | 1014.8 | 1018.5 | 1020.3 | 1014.5 |  |
|           | S D       | 5.827        | 4.957  | 4.619  | 3.821  | 3.162  | 2.631  | 2.186  | 2.223  | 2.858  | 3.661  | 4.640  | 5.784  | 5.401  |  |
|           | TOTAL OBS | 391          | 353    | 395    | 385    | 396    | 374    | 389    | 396    | 331    | 362    | 387    | 399    | 455    |  |
| ALL HOURS | MEAN      | 1020.4       | 1018.6 | 1015.4 | 1013.7 | 1012.0 | 1010.1 | 1010.4 | 1011.2 | 1011.1 | 1014.6 | 1018.4 | 1020.0 | 1014.7 |  |
|           | S D       | 5.967        | 5.078  | 4.771  | 4.008  | 3.309  | 2.744  | 2.312  | 2.381  | 3.014  | 3.869  | 4.793  | 5.896  | 5.607  |  |
|           | TOTAL OBS | 3133         | 2820   | 3153   | 3059   | 3174   | 2984   | 3080   | 3185   | 2631   | 2882   | 3091   | 3190   | 3632   |  |